

## **Historic, Archive Document**

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RETURN TO BOTANY

SECTION OF NOMENCLATURE

## KRAMER'S READY

## REFERENCE

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U. S. Department of Agriculture.

LIST OF EVERYTHING FOR  
THE GARDEN

As most varieties of seeds and plants are well known we eliminate lengthy descriptions and list only the best and most popular varieties, those we know to be first-class, listing them in alphabetical order under the various headings given below:

VEGETABLE SEED

HARDY PLANTS AND SHRUBS

VEGETABLE PLANTS

SMALL FRUITS

FLOWER SEEDS

MISCELLANEOUS

FARM SEED

CUT FLOWERS

FLOWERING AND ORNAMENTAL PLANTS



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**WE DO NOT WARRANT** in any way, expressed or implied, the contents or the description, quality, productiveness, or any other matter of any seeds, bulbs or plants sold by us, and we will not in any way be responsible for the crop. If the purchaser does not accept these goods on above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to the above conditions we make this sale at the moderate prices at which we sell our goods.

I. N. KRAMER &amp; SON

318 Third Avenue Cedar Rapids, Ia.

## VEGETABLE SEED

For convenience we quote Peas, Beans and Sweet Corn by the pound only and give in the cultural directions the approximate number of pounds required to plant an acre.

At prices quoted we pay the postage or express on all vegetable and flower seeds regardless of quantity ordered. We, however, reserve the right to send either way as the size and nature of the order may demand.

If you wish to pay the transportation charges send list of seeds wanted and we will make special quotations.

### ASPARAGUS SEED

Culture—Sow in March or April, in rows 1 foot apart. When two years old transplant into permanent beds. Set the plants in rows from 2 to 4 feet apart and 15 to 20 inches in the row, and cover about 4 inches deep. On approach of winter cover with manure or straw. One ounce will sow 40 feet of drill.

**BONVALLET'S GIANT**—Very large early. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.

**COLUMBIAN MAMMOTH WHITE**—Large white or light green stalks. Lb. 75c;  $\frac{1}{4}$  lb. 20c; oz. 10c; pkt. 5c.

**CONOVER'S COLOSSAL**—Large size. Lb. 75c;  $\frac{1}{4}$  lb. 20c; oz. 10c; pkt. 5c.

**PALMETTO**—Very large. Lb. 75c;  $\frac{1}{4}$  lb. 20c; oz. 10c; pkt. 5c.

**ASPARAGUS ROOTS.** See Vegetable Plants.



### BEANS—BUSH—GREEN SORTS

Pkt. 10c;  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 30c; lb. 40c

Culture—About first of May sow in rows 2 inches deep and 18 inches to 2 feet apart; beans 3 inches apart. Sow every two weeks for a succession until September. One pound to 50 feet of drill; 90 lbs. per acre.

**DWARF HORTICULTURAL**—Fine shell bean.

**IMPROVED EARLIEST VALENTINE**—Very early.

**IMPORTED NAVY, OR BOSTON PEA BEAN**—Early and prolific.

**LARGE WHITE MARROW, OR MOUNTAIN**—Large, clear white, oval.

**STRINGLESS GREEN POD—NEW**—Round pod.

**TIPARY**—A new white field bean, the most prolific variety in existence, resembles White Navy except that they are smaller and more flattened.

### WAX BEANS

Pkt. 10c;  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 30c; lb. 50c

**CHALLENGE BLACK DWARF WAX**—The earliest round pod.

**DAVIS WAX**—Long and flat.

**DWARF BLACK WAX**—Very early round pod.

**DWARF GOLDEN WAX**—Very productive round pod.

**RUSTLESS GOLDEN WAX (CURRIES)**—Said to be rust proof.

**WARDWELL'S KIDNEY WAX**—Early, large flat pod.

### BUSH LIMA BEANS

**BURPEE'S BUSH LIMA**—Large and flat, but later than Dreer's. Pkt. 10c;  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 20c; lb. 35c; 3 lbs. or more 30c per lb.

**DREER'S (KUMERIE, or THORNBURN'S) BUSH LIMA**—Beans short and thick. Pkt. 10c;  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 20c; 1 lb. 35c; 3 lbs. or more 30c per lb.

### POLE BEANS

Culture—After settled warm weather, set 4 to 8 foot poles in rows 4 feet apart, the poles being 3 feet apart in the row. Around each hill plant 5 to 8 beans 2 inches deep. When well started, thin to 4 plants and see that they all climb around the pole in the same way. One lb. to 75 hills. 24 to 30 lbs. per acre.

Pkt. 10c;  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 20c; lb. 35c; 3 lbs. or more 30c per lb.;

**DUTCH CASE KNIFE**—Large podded, white seeded.

**EARLY GOLDEN CLUSTER WAX**—Medium early, flat pods.

**HORTICULTURAL CHANBERRY**—Medium long pods.

**KENTUCKY WONDER, or OLD HOMESTEAD**—Long flat fleshy pod.

**"KING OF THE GARDEN" LIMA**—Large, of high quality.

**LAZY WIFE**—Pods very broad, thick, fleshy and entirely stringless.

**SCARLET RUNNER**—A favorite both as snap bean and for its flowers, which are bright scarlet.

### BEETS

Culture—The soil should be rather light and thoroughly enriched with manure. Sow in spring as soon as the ground becomes fit, in rows about 1 foot apart and 1 inch deep. For main crop sow first week in May; for winter sow in June. Thin to 5 or 6 inches. One ounce to 50 feet of drill. Sow 5 lbs. per acre.

**CROSBY'S EGYPTIAN**—The Earliest. Red. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.50.

**DETROIT DARK RED TURNIP**—Deep red. One of the best. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.50.

**DEWING'S EARLY BLOOD TURNIP**—Excellent for summer and winter. Lb. \$1.25;  $\frac{1}{4}$  lb. 40c; oz. 15c; pkt. 5c.

**ECLIPSE**—Early, globe-shaped. Lb. \$1.00;  $\frac{1}{4}$  lb. 30c; oz. 10c; pkt. 5c.

**EDMUND'S EARLY BLOOD TURNIP**—Very sweet and tender. Lb. \$1.25;  $\frac{1}{4}$  lb. 40c; oz. 15c; pkt. 5c.

**HALF LONG BLOOD**—Best for winter use. Lb. \$1.00;  $\frac{1}{4}$  lb. 30c; oz. 10c; pkt. 5c.

**LONG SMOOTH DARK RED**—A well known winter sort. Lb. 75c;  $\frac{1}{4}$  lb. 25c; oz. 10c; pkt. 5c.

## MANGEL WURZELS AND SUGAR BEETS

Culture—Sow in rows 2 feet apart, 2 inches between seeds, thinning later to 12 to 15 inches. For stock feeding. Long varieties do best in deep soil; round sorts in sandy soil. Five or six pounds will sow an acre.

### SUGAR BEETS

**LANE'S IMPROVED SUGAR**—Very productive and sweet. Lb. 60c;  $\frac{1}{4}$  lb. 20c; oz. 10c.

**VILMORIN'S IMPERIAL WHITE SUGAR**—An improved French variety. Lb. 60c;  $\frac{1}{4}$  lb. 20c; oz. 10c.

**WANZLEBN**—One of the best, a heavy yielder. Oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 60c.

### MANGEL WURZEL BEET

**GOLDEN TANKARD**—The best yellow mangel. Lb. 60c;  $\frac{1}{4}$  lb. 20c; oz. 10c.

**IMPROVED MAMMOTH—LONG RED**—Enormously productive. Lb. 60c;  $\frac{1}{4}$  lb. 20c; oz. 10c.

**SWISS CHARD BEET, or SUMMER SPINACH**—Used for greens. For description see page .... Ib. \$1.50;  $\frac{1}{4}$  lb. 45c; oz. 15c; pkt. 5c.

### BRUSSELS SPROUTS

Culture—The seed should be sown in April or May, and the plants cultivated like cabbage; the heads are improved by frost. An ounce will produce 2,000 plants.

This plant is allied to the cabbage, producing small heads from the sides of the stalk, which are in perfection for use in autumn after early frosts.

**IMPROVED DWARF**—A fine strain.  $\frac{1}{4}$  lb. 60c; oz. 20c; pkt. 5c.

### BROCCOLI (Sparzel Kohl)

Culture—Same as Cauliflower. Ounce will sow a bed 40 feet square. This plant resembles Cauliflower, but is hardier and of less delicate flavor.

**PURPLE CAPE**—The popular sort. Oz. 50c;  $\frac{1}{2}$  oz. 30c; pkt. 10c.

## CABBAGE

Culture—Sow in hot-beds in February. Transplant in March or April about 20 inches apart, in rows 2 feet wide. For second early crop, sow seeds of early kinds in April and plant out in May. For a late crop, sow early in May and plant out in June the plants 2 and the rows 3 feet apart. One ounce will produce 1,000 to 2,000 plants.

**ALL HEAD EARLY**—Flat, second early.  $\frac{1}{4}$  lb. \$1.00; oz. 30c; pkt. 5c.

**BURPEE'S SUREHEAD**—Large, round, flattened heads. Pkt. 5c; oz. 30c;  $\frac{1}{4}$  lb. 85c.

**COPENHAGEN MARKET**—Early round heads. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.25.

**DUTCH WINTER, or HOLLADER**—It is the hardest heading, finest grained and best keeper of any cabbage known.  $\frac{1}{4}$  lb. 80c; oz. 30c; pkt. 10c.

**EARLY JERSEY WAKEFIELD—KRAMER'S SELECT**—The best, very early, pointed heads.  $\frac{1}{4}$  lb. \$1.25; oz. 35c; pkt. 10c.

**EARLY JERSEY WAKEFIELD**—Same as above except that it is not so carefully selected.  $\frac{1}{4}$  lb. \$1.25; oz. 30c; pkt. 5c.

**LARGE JERSEY WAKEFIELD**—Larger and a trifle later than above sort.  $\frac{1}{4}$  lb. \$1.00; oz. 30c; pkt. 5c.

**EARLY FLAT DUTCH**— $\frac{1}{4}$  lb. 75c; oz. 25c; pkt. 5c.

**EARLY SPRING CABBAGE**—Very early, round flat heads. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. \$1.00.

**FOTTLER'S IMPROVED BRUNSWICK DRUMHEAD**—Best Early Drum-head.  $\frac{1}{4}$  lb. 75c; oz. 25c; pkt. 5c.

**GLORY OF ENKHUIZEN**—Medium early, globe shaped. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. \$1.00.

**HENDERSON'S SUCCESSION**—About a week later than the Early Summer, but double the size.  $\frac{1}{4}$  lb. \$1.00; oz. 30c; pkt. 5c.

**HENDERSON'S EARLY SUMMER**—Second early, flat heads.  $\frac{1}{4}$  lb. 75c; oz. 30c; pkt. 5c.

**IMPROVED AMERICAN SAVOY**—Best Savoy.  $\frac{1}{4}$  lb. 75c; oz. 25c; pkt. 5c.

**IMPROVED DANISH BALLHEAD**—Round as a ball, of good size, solid and very fine grained. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. 80c.

**MAMMOTH ROCK RED**—The best red cabbage. Pkt. 5c; oz. 30c;  $\frac{1}{4}$  lb. \$1.00.

### CHINESE CELERY CABBAGE

**PE-TSAI**—Very popular, used in every way in which cabbage or celery is used. It should be grown like late cabbage, planting in early July. Sow in drills 16 to 20 inches apart, then thin the seedlings two or three times. Pkt. 10c;  $\frac{1}{2}$  oz. 25c; oz. 45c.

### CABBAGE PLANTS

We grow these in large quantities and can furnish them at lowest rates. For prices see "Vegetable Plants."

**USE SLUG SHOT** for Cabbage Worms. It kills them. Postpaid—lb. 20c; 5 lbs. 75c.

### CAULIFLOWER

For Plants of Cauliflower see End Vegetable Seed List

Culture—For Spring and early Summer crop sow in March or early in April in hot-bed, transplant to cold frame when sufficiently large, and to open ground as soon as danger of frost is over. For late crop sow at same time as for late Cabbage. One ounce of seed will produce 1,000 plants.

**ALGIERS**—One of the largest and best for late use. Oz. 75c; pkt. 5c.

**DANISH SNOWBALL CAULIFLOWER**—The earliest and best equally good for late planting. Pkt. 20c;  $\frac{1}{4}$  oz. 75c; oz. \$2.50.

**HALF EARLY PARIS**—Largest for forcing. Oz. 85c; pkt. 5c.

**LARGE EARLY ERFURT**—Good for second early and late. Oz. 75c; pkt. 5c.

## CARROTS

Culture—A well-enriched sandy loam is the best for this crop. Market-gardeners sow in rows about 18 inches apart. One ounce will sow 100 feet of drill. Four pounds per acre.

**DANVER'S**—Half long, best for general crop. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75.

**EARLY CHANTENAY**—Early red, medium size stump rooted. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75.

**NANTES' EARLY HALF-LONG SCARLET**—Very early. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 45c; lb. \$1.50.

**OXHEART**—Stout stump rooted, good quality, early. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 45c; lb. \$1.50.

## STOCK CARROTS

**IMPROVED LONG ORANGE**—Late heavy yielder. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 45c; lb. \$1.50.

**LARGE WHITE BELGIAN**—Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00.

**LARGE YELLOW BELGIAN**—Like above, except in color. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00.

## SWEET CORN

Culture—Sugar Corn requires a good soil and a warm situation. Begin for first early by planting the early varieties about May 1, and for a continuous supply all summer make plantings about two weeks apart, from May 1 until late July, first planting early varieties, then later ones. Plant in rows 3 feet apart each way. One pound for 125 to 150 hills. About 12 pounds in hills for an acre.

**BANTAM EVERGREEN, NEW**—Cross between Golden Bantam and Stowell's Evergreen. It has the Bantam sweetness and is almost as large as Evergreen Mid-season. Pkt. 10c;  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 35c; lb. 60c.

**COUNTRY GENTLEMAN**—High quality, small deep grains. Pkt. 10c;  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 30c; lb. 50c; 3 lbs. or more 45c per lb.; 10 lbs. or more 40c per lb.

**EARLY CHAMPION**—The largest early variety. Pkt. 10c;  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 3 lbs. or more 35c per lb.; 10 lbs. or more 30c per lb.

**EARLY EVERGREEN**—High quality, medium to late. Pkt. 10c;  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 45c; 3 lbs. or more 40c per lb.; 10 lbs. or more 35c per lb.

**EARLY IOWA—NEW**—Small, very early, fine quality. Pkt. 10c;  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 3 lbs. or more 35c per lb.; 10 lbs. or more 30c per lb.

**GOLDEN BANTAM**—In our opinion this is the sweetest of all. Pkt. 10c;  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 45c; 3 lbs. or more 40c per lb.; 10 lbs. or more 35c per lb.

**MALAKOFF**—Earliest real sweet corn in existence. Pkt. 10c;  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 3 lbs. or more 35c per lb.; 10 lbs. or more 30c per lb.

**MAMMOTH WHITE CORY**—Very early, medium size. Pkt. 10c;  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 20c; lb. 30c; 3 lbs. or more 25c per lb.; 10 lbs. or more 20c per lb.

**PEEP O'DAY**—Extremely early, but small. Pkt. 10c;  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 3 lbs. or more 35c per lb.; 10 lbs. or more 30c per lb.

**PERRY'S HYBRID**—There is no better second early. Pkt. 10c;  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 3 lbs. or more 35c per lb.; 10 lbs. or more 30c per lb.

**STOWELL'S EVERGREEN**—The standard late sort. Pkt. 10c;  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 3 lbs. or more 35c per lb.; 10 lbs. or more 30c per lb.

## POP CORN

**WHITE RICE**—The most popular variety grown. Lb. 40c;  $\frac{1}{2}$  lb. 25c; pkt. 10c.

**MAPLEDALE PROLIFIC**—The most prolific variety grown. Quality fine. Lb. 40c;  $\frac{1}{2}$  lb. 25c; pkt. 10c.

**JAPANESE IMPERIAL HULLESS**—Early and the best of all varieties. Pkt. 10c;  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 30c; lb. 50c.

## CRESS, or PEPPER GRASS

**CURLED**—Extensively used as a small salad; the leaves while young have a warm, pungent taste. Sow rather thick in shallow drills and at short intervals during the season. One ounce will plant 200 feet of row. Lb. 75c;  $\frac{1}{4}$  lb. 25c; oz. 10c; pkt. 5c.

**WATER CRESS**—Highly esteemed for table use. Can be grown in shady position, anywhere where there is a sufficient supply of fresh pure water. Oz. 40c; pkt. 10c; 3 for 25c.

## CORN SALAD

A hardy winter salad. Seed should be sown thinly in drills during August, September and October to supply fresh leaves during the cold fall and winter months. It is quite hardy, and after cool weather sets in can be protected by a thin mulch of soft hay or straw. One ounce will plant 50 feet of row.

**LARGE ROUND-LEAVED**—Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; per lb. 70c.

## CHERVIL

**DOUBLE CURLY**—Lb. \$2.00;  $\frac{1}{4}$  lb. 60c; oz. 20c; pkt. 5c.

## CHICORY

**WITLOOF-CHICORY, or FRENCH ENDIVE**—The seed should be sown in the open ground not later than June, in drills 12 to 18 inches apart,

using 1 oz. to 100 feet of row, thinning out the plants so that they will stand not closer than 3 inches. The plant forms long parsnip-shaped roots and these should be lifted in the fall, cutting off the leaves and then store in soil in a cool place until wanted for forcing. The roots should be planted in a trench 16 to 18 inches deep and placed upright about 1½ to 2 inches apart, which will allow the neck of the root to come within 9 inches of the level of the trench. The trench should be filled with a light soil, and if a quicker growth is desired, this can be accomplished by a mulch of fresh manure about 2 feet deep. It requires about one month to force the roots and the heads are cut off with a small portion of the neck of the root attached. Per pkt. 10c; oz. 30c; ¼ lb. \$1.00.

**LARGE ROOTED**—Lb. \$1.50; ¼ lb. 40c; oz. 15c; pkt. 5c.

## CELERY

**For Celery, Pepper and Tomato Plants, see End of Vegetable List**

**Culture**—Sow in a finely prepared seed-bed, not over ¼ inch deep and keep the bed moist. Transplant to rows 3 to 5 feet apart and 6 to 8 inches apart in the row. After plants have grown to full size bank up with earth on each side of row. For winter use take up before severe freezing, trim off all outer leaves and plant close together in a trench or in cool cellar, keep roots moist and tops dry. Good plants may be set out as late as middle of August. One ounce will produce 4,000 plants, one pound of seed producing sufficient plants for an acre.

**DWARF GOLDEN HEART**—The most popular variety of all. ¼ lb. \$1.00; oz. 30c; pkt. 5c.

**GIANT GOLDEN HEART**—Rich golden, large size, excellent quality. ¼ lb. \$1.00; oz. 30c; pkt. 10c.

**GIANT PASCAL**—Very large, good keeper. ¼ lb. \$1.00; oz. 25c; pkt. 10c.

**GOLDEN SELF BLANCHING**—Dwarf, rich golden yellow. Oz. \$1.50; pkt. 10c.

**WHITE PLUME**—Dwarf, early, good quality. ¼ lb. \$1.00; oz. 30c; pkt. 5c.

## CELERIAC (Knollen Sellerie)

**GIANT PRAGUE**—The roots are almost globe-shaped, very even and without rootlets, except on the under part. They are usually double the size of those of other varieties and the leaf stalks are stouter. ¼ lb. \$1.00; oz. 30c; pkt. 5c.

## CUCUMBERS

**Culture**—An ounce will plant about 50 hills. Sow about first of May in turned-over sods or small pots, which can be bedded in the soil in the frames, and use little bottom heat. Transplant to open ground in 3 or 4 weeks, plants 3 to 4 feet apart each way, 4 strong plants to each hill. Two to three pounds per acre.

**DAVIS PERFECT**—One of the best for slicing. Pkt. 10c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

**EVERGREEN WHITE SPINE**—Long dark green of finest quality. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

**GREEN PROLIFIC, or BOSTON PICKLING**—The best small pickling variety. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

**IMPROVED ARLINGTON WHITE SPINE**—One of the earliest, extra quality and large. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

**IMPROVED EARLY WHITE SPINE**—Fine for slicing or pickles. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

**IMPROVED LONG GREEN**—Large, of superior quality. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

**JAPANESE CLIMBING CUCUMBER**—May be grown on fences, poles or trellises; fine for pickles or slicing. ¼ lb. 50c; oz. 15; pkt. 10c.

**LEMON CUCUMBER**—A new and entirely distinct type. Fine quality. Pkt. 10c; 3 pkts. 25c.

**WESTERFIELD CHICAGO PICKLE**—Fine for pickles; medium length, pointed at both ends. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

## EGG PLANT

**Culture**—Sow the seed in hot bed about March 1, transplant to 4 inches apart, and when the plants grow thick, transplant to 8 inches apart. Set in the field about May 20th. One ounce produces about 1000 plants.

**NEW YORK IMPORTED**—The standard market variety. Oz. 45c; pkt. 10c.

## ENDIVE

**Culture**—For early use, sow in May, in rows 10 inches apart. For succession all summer, plant as much later each time as you wish it to bear. It will do well till mid-summer. One ounce will sow a row of 150 feet.

**GREEN CURLED SUMMER**—Fine market sort for early use. ¼ lb. 45c; oz. 15c; pkt. 10c.

**GREEN CURLED WINTER**—Fine for late use. ¼ lb. 45c; oz. 15c; pkt. 5c.

## GARDEN HUCKLEBERRY

**GARDEN HUCKLEBERRY**—Pkt. 15c.

## GOURDS

**DIPPER GOURD**—Valuable for household purposes. They make dippers of various sizes, which will last for years. If the vines are trained on trellises, the handles will grow straight, otherwise they curve. Pkt. 5c.

**DISHCLOTH GOURD**—This remarkable plant derives its name from the peculiar lining of its fruits, which is of a spongy, tough and durable texture, which renders it very valuable as a natural dishcloth. Pkt. 5c.

**SUGAR TROUGH GOURD**—They grow to hold 4 to 10 gallons each, have thick shells, very light but durable, having been kept in use as long as 10 years, and are useful as baskets, etc. Oz. 25c; ½ oz. 15c; pkt. 5c.

**WHITE NEST EGG**—Also called Japanese Nest Egg Gourd; resembles in color, shape and size the eggs of hens, and do not crack, and are not injured by cold or wet, and therefore make the best nest egg. Pkt. 10c; 3 for 25c.

## GARLIC

The Garlic is the most pungent in taste and has the strongest odor of all the onion family. It is largely used in the south of Europe, where it is esteemed for flavoring soups, stews, etc. The root or bulb is composed of many small bulbs, called "cloves," which are planted in the spring. Bulbs, per pound, postpaid, 40c.

## GROUND CHERRY or HUSK TOMATO

**GROUND CHERRY, or HUSK TOMATO**—Pkt. 10c.

## HERBS. Varieties with a \* are Perennial

	Pkt.		Pkt.
Anise	5	*Hyssop	5
*Balm	5	*Lavender	5
Bene	5	*Pennyroyal	10
Borage	5	*Rosemary	5
*Caraway	5	Rue	5
Catnip or Catment	5	Saffron	5
Coriander	5	Sage, oz. 15c	5
Chives	10	Summer Savory	5
Dill, pound \$1.25	5	Sweet Marjoram	5
*Fennel	5	*Thyme	5
*Henbane	5	Winter Savory	5
*Hop	10	*Wormwood	5
Horehound	5		

## KALE, or BORECOLE

This is a popular boiling-green for fall, winter, and early spring use, resembling cabbage in flavor. The plant is entirely hardy in well-drained soil and can be grown easily from seed planted during the summer and fall months. The plants are usually cut off for use when the leaves are 6 inches or more in length, but with the fine curled varieties the leaves can be gathered for use when of good size.

**DWARF GREEN CURLED**—Very hardy; should be treated like spinach.  $\frac{1}{4}$  lb. 45c; oz. 15c; pkt. 5c.

## KOHLRABI, or TURNIP CABBAGE

**Culture**—Set plants 8 inches apart in rows. For later use, sow seed in rows and thin out. One ounce will sow a drill about 200 feet.

**EARLY WHITE VIENNA**—Flesh white and tender.  $\frac{1}{4}$  lb. \$1.00; oz. 30c; pkt. 5c.

**EARLY PURPLE VIENNA**—An excellent sort, a little later than the white.  $\frac{1}{4}$  lb. \$1.00; oz. 30c; pkt. 5c.

## LEEK

**Culture**—Sow as early in spring as practicable, in rows a foot apart, and cover one-half inch deep. When 6 to 8 inches high, set 10 inches apart each way, as deep as possible. Ground can hardly be too rich. One ounce will sow 100 feet of drill.

**LARGE MUSSELBURGH**—Of enormous size, leaves large and broad.  $\frac{1}{4}$  lb. 60c; oz. 25c; pkt. 5c.

## LETTUCE

**Culture**—For early crop, seed outdoors in September or transplant to cold frames as soon as large enough to handle, and winter like early cabbage. Sow in a well protected frame in February, and in hot beds in March. For home use, sow in rows a foot apart in early spring; thin plants to a foot apart. One ounce will produce about 1,500 plants.

**BLACK SEEDED SIMPSON**—Does not head. The most popular of all leaf varieties.  $\frac{1}{4}$  lb. 40c; oz. 10c; pkt. 5c.

**BIG BOSTON**—Large heads, smooth leaves. Per pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.

**GRAND RAPIDS FORCING**—Extra fine heavy leaf Lettuce.  $\frac{1}{4}$  lb. 50c; oz. 15c; pkt. 5c.

**IMPROVED HANSON**—Large, firm heads, resembling a cabbage.  $\frac{1}{4}$  lb. 40c; oz. 10c; pkt. 5c.

**MAY KING**—Fine solid heads, yellowish-green, tinged with brown. Pkt. 10c; oz. 15c.

**PRIZE HEAD**—Leaves tinged brown.  $\frac{1}{4}$  lb. 40c; oz. 10c; pkt. 5c.

**WHITE CABBAGE**—A good summer head variety; of good size.  $\frac{1}{4}$  lb. 40c; oz. 10c; pkt. 5c.

**WHITE COS**—Head conical shaped.  $\frac{1}{4}$  lb. 40c; oz. 10c; pkt. 5c.

**WHITE SEEDED TENNIS BALL, or BOSTON MARKET**—Early; small heads, smooth leaves. Lb. \$1.25;  $\frac{1}{4}$  lb. 35c; oz. 10c; pkt. 5c.

## MUSK MELONS

**Culture**—The hills should be 3 to 6 feet apart each way, according to richness of soil. Mix well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure; plant 8 to 10 seeds in each hill early in May; thin out to 3 or 4 plants to the hill. One ounce for 60 hills. Two and one-half pounds per acre.

**CHICAGO MARKET**—Globe shape, densely netted; flesh light green. Lb. \$1.40;  $\frac{1}{4}$  lb. 40c; oz. 15c; pkt. 5c.

**EARLY HACKENSACK**—Medium size, flesh light green. Lb. \$1.00;  $\frac{1}{4}$  lb. 30c; oz. 10c; pkt. 5c.

**EARLY NUTMEG**—Green fleshed, highly scented. Lb. \$1.00;  $\frac{1}{4}$  lb. 30c; oz. 10c; pkt. 5c.

**NETTED GEM**—One of the best. Lb. \$1.00;  $\frac{1}{4}$  lb. 30c; oz. 10c; pkt. 5c.

**OSAGE MELON**—Skin dark green, slightly netted; rich salmon. Oval, medium sized. Lb. \$1.00;  $\frac{1}{4}$  lb. 30c; oz. 10c; pkt. 5c.

**PAUL ROSE**—About five inches in diameter, flesh very thick; deep salmon. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25.

**ROCKY FORD, IMPROVED GEM**—Small, well netted, green fleshed. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00.

**TIP TOP**—Yellow-fleshed, of the very highest quality. Lb. \$1.25;  $\frac{1}{4}$  lb. 40c; oz. 15c; pkt. 5c.

## MELON PEACH

This particular new vegetable grows on a vine like a melon. They also make splendid mangoes. For sweet pickles, pies or preserving, they have no equal. They are very early, hardy and productive. Pkt. 10c; 3 for 25c.

## WATER MELONS

**Culture**—Select rich, deep sandy loam, well worked and highly manured. Plant when all danger of frost is over, in hills 5 to 6 feet apart each way. Scatter a dozen seeds to a hill, thin to 3 or 4 plants. When they have 4 or 5 rough leaves, pinch off the ends of the main shoots. One ounce to 30 hills. Four pounds per acre.

**COLE'S EARLY**—Small, round, striped, very early, best quality. Lb. \$1.00;  $\frac{1}{4}$  lb. 30c; oz. 10c; pkt. 5c.

**COLORADO CITRON**— $\frac{1}{4}$  lb. 25c; oz. 10c; pkt. 5c.

**HALBERT HONEY**—Long, dark green, finest quality. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.10.

**KLECKLEY'S SWEET**—Large, oblong, dark green. Lb. \$1.00;  $\frac{1}{4}$  lb. 30c; oz. 10c; pkt. 5c.

**MICIVOR'S WONDERFUL SUGAR**—Oblong. Very large and sweet. Lb. \$1.00;  $\frac{1}{4}$  lb. 30c; oz. 10c; pkt. 5c.

**SWEET HEART**—Large, round, light green. Lb. 85c;  $\frac{1}{4}$  lb. 25c; oz. 10c; pkt. 5c.

**TOM WATSON**—Immense size, two feet long and one foot in diameter, and weigh 50 to 75 lbs. Rind dark green, thin but strong; flesh rich red and best quality. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00.

**TRUE ICE CREAM or PEERLESS**—Medium early, medium size. Lb. 75c;  $\frac{1}{4}$  lb. 25c; oz. 10c; pkt. 5c.

**WINTER WATER MELON**—Round, light green, very sweet. Flesh red. Kept cool will keep as long as Hubbard squash. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.

## MUSTARD

**WHITE**—Best for salad and general use. Lb. 65c;  $\frac{1}{4}$  lb. 20c; oz. 10c; pkt. 5c.

**NEW CHINESE MUSTARD**—Large leaves, used like spinach. Lb. 65c;  $\frac{1}{4}$  lb. 20c; oz. 10c; pkt. 5c.

## MUSHROOMS

One brick is sufficient to plant about 9 square feet. Price per brick, 35c; 5 bricks \$1.50 postpaid.

Hints on Mushroom Culture by Dr. B. M. Dugger free with every order.

## ONIONS

**Culture**—A crop of onions can be grown in any good soil, manuring for 2 years previously, if possible. Sow the seed in shallow drills, 1 foot apart, and thin to about 2 inches apart in the row. Cultivate frequently to keep down the weeds. Use 4 to 5 pounds of seeds to the acre.

**PRIZETAKER, THE GENUINE**—Enormous size, globe shaped, very mild. Lb. \$2.00;  $\frac{1}{4}$  lb. 60c; oz. 20c; pkt. 5c.

**RED WETHERSFIELD**—The standard sort, large flat. Lb. \$1.50;  $\frac{1}{4}$  lb. 50c; oz. 20c; pkt. 5c.

**SOUTHPORT RED GLOBE**—Fine quality, heavy yielder. Lb. \$1.75;  $\frac{1}{4}$  lb. 50c; oz. 20c; pkt. 10c.

**SOUTHPORT WHITE GLOBE**—Globe-shaped, good keeper. Lb. \$2.75;  $\frac{1}{4}$  lb. 75c; oz. 25c; pkt. 10c.

**WHITE QUEEN**—Small, early, white; used for pickling.  $\frac{1}{4}$  lb. 85c; oz. 25c; pkt. 5c.

**WHITE WELCH ONION**—For Green Onion—This does not form a bulb but puts out shoots. The plant is perennial and can remain in the ground for years with but slight protection. Sow either in the spring or fall. Pkt. 10c;  $\frac{1}{2}$  oz. 15c; oz. 25c.

**YELLOW GLOBE DANVERS**—The standard medium yellow. Lb. \$1.75;  $\frac{1}{4}$  lb. 50c; oz. 20c; pkt. 5c.

## ONION SETS

Prices are based on the present market rates and are subject to change according to the market without notice. Lowest market prices, however, will be given on application at any time. At bushel, peck and half peck prices, the buyer pays the express or freight; at pint and quart prices, we pay the postage.

**YELLOW BOTTOM SETS**—Pt. 25c; qt. 45c.

## OKRA, or GUMBO

Used for soups. Sow in May in shallow drill, thin out to 1 foot apart in the row. The plants generally grow 3 to 4 feet in height and produce the edible pods at each leaf-joint on the stalk. The pods should be gathered while young and tender and before any of the woody fiber appears. Okra pods should be cut from the plants as soon as they are large enough for use, and if there is any surplus the pods can be dried for winter use, threading them on strings and hanging them up in a cool place to dry. One ounce will plant 100 feet of row.

**WHITE VELVET**—Lb. 60c;  $\frac{1}{4}$  lb. 20c; oz. 10c; pkt. 5c.

**OYSTER PLANT.** See Salsify.

## PEPPER

Culture—Sow in hot bed in April, and in warm, settled weather transplant outdoors 18 inches apart in rows 3 feet apart, or when all danger of frost is past, sow in the open ground and thin. One ounce will produce about 1,500 plants.

**CAYENNE LONG RED**—Pungent.  $\frac{1}{4}$  lb. \$1.10; oz. 35c; pkt. 5c.

**CELESTIAL**—Creamy white, changing to scarlet. Oz. 25c;  $\frac{1}{2}$  oz. 15c; pkt. 5c.

**LARGE BELL, or BULL NOSE**—Medium size, early red mango.  $\frac{1}{4}$  lb. \$1.00; oz. 35c; pkt. 5c.

**MAGNUM DULCE**—The largest, very mild and sweet. Pkt. 10c;  $\frac{1}{2}$  oz. 30c; oz. 50c.

**RED CHILI**—Small, bright red peppers. Oz. 30c; pkt. 5c.

**RUBY KING**—Large and productive.  $\frac{1}{4}$  lb. \$1.00; oz. 35c; pkt. 5c.

**SWEET MOUNTAIN, or MAMMOTH**—Similar to the Bull Nose, but larger and milder.  $\frac{1}{4}$  lb. \$1.00; oz. 35c; pkt. 5c.

## PARSLEY

Culture—Soak seeds in water 24 hours before planting. Sow early in rows 1 foot apart, cover half an inch deep; thin to 3 or 4 inches apart, or transplant and cut back frequently. 1 ounce to 100 feet of drill. 5 pounds per acre.

**CHAMPION MOSS CURLED**—Extra fine. Lb. \$1.00;  $\frac{1}{4}$  lb. 35c; oz. 10c; pkt. 5c.

**DOUBLE CURLED**—Lb. \$1.00;  $\frac{1}{4}$  lb. 35c; oz. 10c; pkt. 5c.

**HAMBURG ROOTED**—Also called German Parsley. Lb. \$1.10;  $\frac{1}{4}$  lb. 30c; oz. 10c; pkt. 5c.

## PARSNIPS

Culture—Sow early in spring, in drills 15 inches apart and  $\frac{1}{2}$  inch deep, in a rich soil; thin out to 6 inches apart in the rows. One ounce will sow 200 feet of drill.

**HOLLOW CROWN, or LONG SMOOTH**—Large, long, heavy cropper. Lb. 80c;  $\frac{1}{4}$  lb. 25c; oz. 10c; pkt. 5c.

**IMPROVED GUERNSEY**—Shorter but thicker than Hollow Crown. Lb. 80c;  $\frac{1}{4}$  lb. 25c; oz. 10c; pkt. 5c.

## PEANUTS

Culture—Sow in May in light soil in drills 3 feet apart, placing the nuts 6 to 8 inches apart.

**SPANISH**—Are small but very early and productive. Pkt. 10c;  $\frac{1}{2}$  lb. 25c; Lb. 45c.

**MAMMOTH VIRGINIA**—Larger and later than the above. Pkt. 10c;  $\frac{1}{2}$  lb. 25c; Lb. 45c.

## PEAS

Culture—For market, sow in single rows 1 inch apart and 2 to 3 inches deep, rows from 2 to 4 feet apart. In garden, sow in double rows 6 to 8 inches apart. Begin sowing extra early varieties as soon as the ground can be worked in March; for a succession, every 2 weeks until June. One pound to 50 feet of drill. 90 to 120 pounds per acre.

Price of all varieties—Pkt. 10c;  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 20c; Lb. 30c; 3 lbs. or more 25c per lb.; 10 lbs. or more 18c per lb.

**ALASKA**—30 in.—Best extreme early pea.

**BLISS' AMERICAN WONDER**—9 in.—Very dwarf, early, high quality.

**EXTRA EARLY PREMIUM GEM**—10 in.—Very dwarf and prolific.

**NOTT'S EXCELSIOR**—Dwarf early wrinkled peas.

### Second Early Sorts

**HORSFORD'S MARKET GARDEN**—Dwarf, medium size pods, very productive.

### For General Crop and Late Use

**CANADA FIELD PEAS**—See field seeds.

**CHAMPION OF ENGLAND**—60 in.—Very late.

**DWARF GRAY SUGAR**—28 in.—Edible podded when young.

**DWARF TELEPHONE, or "DAISY PEA"**—15 to 18 inches high, very productive, and of superior quality.

**LARGE WHITE MARROWFAT**—48 in.

**STRATAGEM**—24 in.—Large pods, high quality.

**TELEPHONE**—48 in.—Very large, quality the best.

## PUMPKINS

Culture—Sow in good soil in May, in hills 8 to 10 feet apart each way; or in fields of corn about every fourth hill. Avoid planting near other vines. One ounce to 15 hills; one pound to an acre.

**"CALHOUN"**—Medium size and high quality. Lb. \$1.00;  $\frac{1}{4}$  lb. 30c; oz. 10c; pkt. 5c.

**LARGE CHEESE, or KENTUCKY FIELD**—Cheese-shaped; yellow fleshed. Lb. 75c;  $\frac{1}{4}$  lb. 20c; oz. 10c; pkt. 5c.

**LARGE FIELD**—Lb. 65c;  $\frac{1}{4}$  lb. 20c; oz. 10c.

**MAMMOTH PRIZE**—And mammoth size.  $\frac{1}{4}$  lb. 60c; oz. 20c; pkt. 10c.

**SUGAR**—A small high quality pie pumpkin. Lb. \$1.00;  $\frac{1}{4}$  lb. 30c; oz. 10c; pkt. 5c.

## POTATO SEED

**POTATO SEED**—It is from these that **ALL** valuable new varieties of Potatoes are produced. Growing new and distinct Seedling Potatoes from the Seed-Ball Seed is intensely interesting. Full directions on every packet. 15c.

# RADISH

Culture—Radishes delight in light, rich, mellow soil. For very early use, sow in a gentle hot bed in January, and continue sowing every 2 weeks in drills 10 inches apart, thinning to 2 inches apart. One ounce will sow 100 feet of drill. Eight to 10 pounds per acre.

**CRIMSON GIANT GLOBE**—A clear bright crimson. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. 90c.

**EARLY SCARLET GLOBE**—Very early. Lb. 85c;  $\frac{1}{4}$  lb. 25c; oz. 10c; ptk. 5c.

**EARLY SCARLET GLOBE, White Tip**—The best and quickest of the Scarlet White Tips. Lb. 90c;  $\frac{1}{4}$  lb. 30c; oz. 10c; ptk. 5c.

**FRENCH BREAKFAST**—Early; oval shape; scarlet, tipped white. Lb. 75c;  $\frac{1}{4}$  lb. 25c; oz. 10c; ptk. 5c.

**"ICICLE"**—Long white, very early, crisp and sweet. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. 90c.

**IMPROVED CHARTIER**—Fine quality. Lb. 75c;  $\frac{1}{4}$  lb. 25c; oz. 10c; ptk. 5c.

**LONG BLACK SPANISH**—Large winter variety. Lb. 75c;  $\frac{1}{4}$  lb. 25c; oz. 10c; ptk. 5c.

**LONG SCARLET SHORT TOP**—Extra early. Lb. 75c;  $\frac{1}{4}$  lb. 25c; oz. 10c; ptk. 5c.

**LONG WHITE STRASBURG or HOSPITAL**—Large, half long, white. Good summer radish. Lb. 75c;  $\frac{1}{4}$  lb. 20c; oz. 10c; ptk. 5c.

**SCARLET CHINA WINTER**—A good winter sort. Lb. 75c;  $\frac{1}{4}$  lb. 25c; oz. 10c; ptk. 5c.

**SCARLET TURNIP, White Tipped**—The most popular radish grown. Lb. 75c;  $\frac{1}{4}$  lb. 25c; oz. 10c; ptk. 5c.

## EVERBEARING STRAWBERRIES FROM SEED

Strawberries are easily grown from seed but do not always come true to name of variety from which seed is saved. However, the results obtained in watching the development of nature in producing so great a variety from the original is very interesting and highly instructive, as well as profitable, and will more than repay for the trifling expense and labor required. The seed offered is saved from the new Everbearing Strawberry, the Progressive. Try them. Price, ptk. 15c.

## RHUBARB

**VICTORIA**—Large and tender.  $\frac{1}{4}$  lb. 50c; oz. 25c; ptk. 5c.

**LINAEUS**—A well known market variety; early.  $\frac{1}{4}$  lb. 50c; oz. 25c; ptk. 5c.

**RHUBARB ROOTS**—See Vegetable plant list.

## RUTABAGAS

**AMERICAN and CARTIERS**—Each, ptk. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c.

## SALSIFY

Culture—It succeeds best in light, well-enriched soil. Sow early and quite deep, about 1 inch. The roots are perfectly hardy and may remain out all winter, but should be dug early in spring. One ounce for 75 feet of drill. Ten pounds per acre.

**MAMMOTH SANDWICH ISLAND**—Very large.  $\frac{1}{4}$  lb. 60c; oz. 20c; ptk. 5c.

## SPINACH

Culture—Sow in early spring in drills a foot apart, every 2 weeks for a succession, and thin out for use. For fall use, sow in August, for winter in September. Cover with straw or leaves in winter. 1 ounce will sow 100 feet of drill. 12 lbs. per acre in drills.

**EXTRA LARGE ROUND LEAFED**—Lb. \$1.25;  $\frac{1}{4}$  lb. 35c; oz. 10c; ptk. 5c.

**LONG STANDING**—New, slow going to seed. Lb. \$1.25;  $\frac{1}{4}$  lb. 35c; oz. 15c; ptk. 5c.

**BLOOMSDALE, or SAVORY LEAFED**—Lb. \$1.25;  $\frac{1}{4}$  lb. 35c; oz. 15c; ptk. 5c.

## SWISS CHARD BEET

**OR SUMMER SPINACH**—Superior to the common beet for greens and equal to spinach. Sown early in the spring, in rows sixteen inches apart, and the seedlings afterwards thinned out to six inches in the rows, it makes rapid growth of leaves, and is fit for use for greens sooner than any other variety. For summer use we consider it much superior to spinach, because it can be cut when no spinach is to be had. It is of almost the same flavor and it is much easier to wash and prepare for the table, a fact which every housewife knows how to appreciate. Later the leaves grow very large, with broad, flat, beautifully white, wax-like stems and mid ribs, which may be cooked like Asparagus, or made into most attractive pickles. Lb. \$1.50;  $\frac{1}{4}$  lb. 45c; oz. 15c; ptk. 5c.

# SQUASH

**BOSTON MARROW**—A standard sort of fine quality. Lb. \$1.00;  $\frac{1}{4}$  lb. 30c; oz. 10c; ptk. 5c.

**CHICAGO WARTED HUBBARD SQUASH**—Lb. \$1.25;  $\frac{1}{4}$  lb. 40c; oz. 10c; ptk. 5c.

**"DELICIOUS"**—Medium size; high quality winter Squash. Per ptk. 10c; oz. 15c;  $\frac{1}{4}$  lb. 45c; lb. \$1.25.

**GIANT WHITE SUMMER CROOKNECK**—High quality. Lb. \$1.00;  $\frac{1}{4}$  lb. 35c; oz. 10c; ptk. 5c.

**GOLDEN BUSH**—Scalloped; good quality. Lb. \$1.00;  $\frac{1}{4}$  lb. 30c; oz. 10c; ptk. 5c.

**MAMMOTH CHILI**—The largest of all squashes.  $\frac{1}{4}$  lb. 75c; oz. 25c; ptk. 5c.

**MAMMOTH WHITE BUSH**—Scalloped; very early and productive. Lb. \$1.00;  $\frac{1}{4}$  lb. 30c; oz. 10c; pkt. 5c.  
**RED or GOLDEN HUBBARD**—Fine quality. Lb. \$1.25;  $\frac{1}{4}$  lb. 35c; oz. 10c; pkt. 5c.  
**SUMMER CROOKNECK**—Early and prolific; quality good. Lb. \$1.00;  $\frac{1}{4}$  lb. 30c; oz. 10c; pkt. 5c.  
**VEGETABLE MARROW**—It should always be used in a young state. Pkt. 10c; oz. 15c.

**SWISS CHARD BEET**  
**OR SUMMER SPINACH**—Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 45c; lb. \$1.50.

## TOMATOES

Culture—Tomatoes do best on light, warm, not over-rich soil. Sow in hot beds from 6 to 8 weeks before they can be set outdoors; when the plants have four leaves transplant into shallow boxes or coldframes, setting them 4 to 5 inches apart. Set out-of-doors as soon as danger from frost is over. The fruit will be better in quality if the vines are tied to trellis or stakes. One oz. for 1,500 plants;  $\frac{1}{4}$  lb. for an acre.

**ACME**—Second early; pink, very smooth.  $\frac{1}{4}$  lb. 75c; oz. 25c; pkt. 5c.  
**CHALK'S EARLY JEWEL**—Early, smooth, bright red.  $\frac{1}{4}$  lb. \$1.00; oz. 35c; pkt. 10c.

**DWARF CHAMPION**—Dwarf; purple and very smooth.  $\frac{1}{4}$  lb. 75c; oz. 25c; pkt. 5c.

**EARLIANA**—By far the best and earliest large red tomato. Quite smooth. Price per pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. \$1.00.

**GOLDEN QUEEN**—Large fine yellow.  $\frac{1}{4}$  lb. 75c; oz. 25c; pkt. 5c.  
**GROUND CHERRY, STRAWBERRY or HUSK TOMATO**—Pkt. 10c; 3 pkts. 25c.

**JUNE PINK**—Very early. Pkt. 10c;  $\frac{1}{2}$  oz. 25c; oz. 40c.

**LIVINGSTON'S BEAUTY**—Large, smooth, pink; best for main crop.  $\frac{1}{4}$  lb. 75c; oz. 25c; pkt. 5c.

**LIVINGSTON'S GLOBE**—Pink or purple; one of the best and smoothest. Per pkt. 10c; oz. 35c.

**"PONDEROSA" IMPROVED**—Solid and meaty. Very large, pink. Pkt. 10c;  $\frac{1}{2}$  oz. 20c; oz. 40c.

**STONE**—Large, bright scarlet.  $\frac{1}{4}$  lb. 75c; oz. 25c; pkt. 5c.

**YELLOW PEAR AND YELLOW PLUM**—For preserves. Each, oz. 30c; pkt. 5c.

## SWEDES, or RUTABAGAS

Culture—Same as for turnips; should be sown in May or early June in drills 2 feet apart.

**AMERICAN RUTABAGA**—Yellow fleshed; called "the best of Rutabagas." Lb. 75c;  $\frac{1}{4}$  lb. 25c; oz. 10c; pkt. 5c.

**CARTER'S IMPERIAL SWEDE**—Yellow fleshed, purple topped. Lb. 75c;  $\frac{1}{4}$  lb. 25c; oz. 10c; pkt. 5c.

## TABLE TURNIPS

Culture—Sow  $\frac{1}{3}$  to  $\frac{1}{2}$  an inch deep in rows about 15 inches apart or sow broadcast. Weed and thin out, so the young plants will not be checked and injured. For spring and summer crop sow very early in the spring. For fall and main crop sow from middle of July to last of August. One ounce for 100 feet of drill. Two pounds per acre broadcast.

**PURPLE TOP WHITE GLOBE**—Large size. Best quality. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c.

**RED or PURPLE TOP**—Strap leaf. Lb. 75c;  $\frac{1}{4}$  lb. 25c; oz. 10c; pkt. 5c.

**WHITE EGG**—Large, early, solid, good flavor. Lb. \$1.00;  $\frac{1}{4}$  lb. 30c; oz. 10c; pkt. 5c.

**WHITE FLAT DUTCH**—A well known early sort. Lb. 80c;  $\frac{1}{4}$  lb. 25c; oz. 10c; pkt. 5c.

## TWO NEW FRUITS BURBANK'S WONDERBERRY and the GARDEN HUCKLEBERRY

Both of which are pronounced by thousands to be unexcelled for making pies, jams, and preserves, or for canning

**WONDERBERRY**—Cultivate same as tomatoes. Directions for using on each package. Price, pkt. 15c.

**GARDEN HUCKLEBERRY (Solanum Nigrum)**—Directions for using on each package. Pkt. 15c.

Don't fail to try these wonderful new fruits. One packet each for 25c. Plants of either variety ready in May. See Vegetable Plants below.

## VEGETABLE PLANTS

Vegetable plants sent by mail go at purchaser's risk.

This list is subject to change owing to damage from bad weather, insects, etc.

Plants will be ready as soon as the season is suitable for transplanting in the open ground.

**ASPARAGUS ROOTS**—Conover's Colossal and Palmetto. Postpaid, 35c doz.; \$1.50 per 100. By exp. not prepaid, 25c doz.; \$1.00 per 100.

**CABBAGE, EARLY**—Ready April 15. Early Jersey Wakefield, Henderson's Summer. Postpaid 15c doz.; 75c per 100. By express not prepaid 10c doz.; 60c per 100.

**CABBAGE, LATE**—Ready June 10. Premium Flat Dutch, Surehead, Holland. Postpaid, 15c doz.; 50c per 100. By express, not prepaid, 10c doz.; 40c per 100.

**CELERY**—Ready about June 1. Golden Dwarf, Giant Pascal, White Plume. Postpaid 15c doz.; 75c per 100. By express not prepaid, 10c doz.; 60c per 100.

**CAULIFLOWER**—April 15 to June 20. Danish Snowball. Postpaid, 20c doz.; \$1.40 per 100. By express, not prepaid, 15c doz.; \$1.25 per 100.

**CHIVES**—Postpaid, 25c per bunch.

**EGG PLANT**—Ready May 10. New York Improved. Postpaid, 20c doz.; \$1.40 per 100. By express, not prepaid, 15c doz.; \$1.25 per 100.

**GARDEN HUCKLEBERRY**—Postpaid, 30c doz.; \$1.40 per 100. By express, not prepaid, 25c doz.; \$1.25 per 100.

**GROUND CHERRY**—Ready May 15. Postpaid, 20c doz.; \$1.40 per 100. By express, not prepaid, 15c doz.; \$1.25 per 100.

**PEPPER**—Large Belle, Ruby King, Cayenne. Postpaid, 20c doz.; \$1.25 per 100. By express, not prepaid, 15c doz.; \$1.25 per 100.

**RHUBARB ROOTS**—Victoria and Linneaus—Postpaid, each 25c; \$2.25 per doz. By express, not prepaid, 15c each; \$1.50 doz.

**SAGE**—Holt's Mammoth. Postpaid, 15c each.

**SWEET POTATO PLANTS**—Ready May 15. Yellow Jersey. Postpaid, 60c per 100. By express, not prepaid, 50c per 100.

**TOMATO**—Ready May 10. Acme, Beauty, Dwarf Champion, Earliana, Ponderosa. Postpaid, 15c doz.; \$1.00 per 100. By express, not prepaid, 10c doz.; 75c per 100.

**WONDERBERRY**—Postpaid, 30c doz.; \$1.40 per 100. By express, not prepaid, 25c doz.; \$1.25 per 100.

## FLOWER SEEDS

### Directions for Sowing, Etc.



To insure success, the conditions and requirements of the several species as to soil moisture, heat, light, etc., should be studied and then observed in culture. Below we give a few general directions for their culture.

The soil best adapted to most flowers is light, rich loam, containing enough sand to make it porous. If there is some clay with it, the color will be brighter. Make the surface as smooth and fine as possible, sow seed in rows, covering each sort of seed in proportion to its size (a good general rule being to cover twice the diameter of the seed) and press the soil down firmly over it. Do not plant seed when the ground is wet. Many varieties, such as Pansy, Verbena, Daisy, Hollyhock, and the fine greenhouse plant seeds, should be sown early in shallow boxes in the house, in soil consisting of equal parts of fine sand and rich mellow loam, well mixed together and sifted, to remove all gravel and lumps. Sow as before directed. Covering the box with glass helps retain the moisture and keeps the temperature even. Be careful not to keep them too wet, and as soon as they are large enough to handle, transplant in boxes from 1 to 2 inches apart, where they are to remain until time to transplant to permanent beds. We will always be glad to answer any question from our customers, relative to the cultivation of any kind of plants.

### Explanations of Abbreviations

**A.** Annual. **B.** Biennial. **E.** Blooming in spring and early summer. **fl. pl.** Double Flowers. **G.** Greenhouse or Pot plants. **H.** Hardy. **Hh.** Half Hardy. **I.** Blooming in mid-summer. **L.** Blooming in late summer and autumn. **M.** Seed should be sown in hot-beds or boxes, in March or April and transplanted in open ground in May or June, when there is no danger from frost. Varieties not marked **M.** should be sown in the open ground. **O.** Ornamental Leaved Plants. **P.** Perennial. **T.** Tender.

At prices quoted we pay the postage or express on all Flower and Vegetable Seed.

### ABRONIA

Trailer, Verbena-like sweet scented flowers. H. A. Pkt. 5c.

### ABRUS PRECATORIUS, or WEATHER PLANT

Pkt. 5c.

### ABUTILON (Chinese Bell Flower)

Mixed. M. Pkt. 10c.

### ACACIA

Greenhouse shrubs, ornamental foliage, yellow flowers. M. P. 6 to 10 feet. Mixed. Pkt. 5c.

### ACONITUM (Monk's Hood or Wolf's Bane)

H. P. L. I. Pkt. 5c.

### ACROCLINUM (See Everlasting)

### ADLUMIA (Mountain Fringe) (See Climbers)

### ADONIS

Deep scarlet flowers and handsome foliage. H. A. I. to L, 1 foot. Pkt. 5c.

### AGATHA BLUE DAISY

**CELESTIS**—Sky-blue with a yellow disc; a fine winter bloomer. Pkt. 100 seeds, 5c.

### AGERATUM

For beds or borders, also for winter. Hh. A. Mixed. Pkt. 5c.

### AGROSTEMMA

I. to L. H. A. 12 inches. Pkt. 5c.

**ALYSSUM**

**LITTLE GEM**—Grows 3 or 4 inches high, one of the best border plants, a great bloomer. Pkt. 5c.

**ALYSSUM (Sweet)**—Same as above except that it is taller. H. A. Pkt. 5c.

**AMARATHUS**

Grown exclusively for their foliage. T. A. 2 to 4 feet. Fine mixed. Pkt. 5c.

**AMMOBIUM ALATUM (See Climbers)****ANAGALLIS**

Dwarf, for basket, rock-work, edgings, and small beds. Hh. A. M.

**GRANDIFLORA**—Mixed. Pkt. 5c.

**ANTIRRHINUM (Snapdragon)**

Mixed. Pkt. 5c.

**ANTIRRHINUM MAJUS GRANDIFLORA**—New—Larger than those of the old type. Pkt. 10c.

**AQUILEGIA (Columbine)**

**DOUBLE**—Finest mixture, pkt. 5c.

**SINGLE**—Mixed, pkt. 5c.

**ASPARAGUS**

**PLUMOSUS (Asparagus Fern)**—Pkt. 5 seeds, 10c; 25 seeds, 35c.

**SPRENGERI**—Also called **Emerald Feather** and **Abyssinian Parlor Fern**

—New—Pkt. 15 seeds, 10c.

**ASPERULA**

Dwarf, with small sweet-scented flowers. J. to L. H. A.

**AZUREA SETOSA**—Light blue. Pkt. 5c.

**ODORATA**—Flowers white. H. P. I. L. Pkt. 5c.

**ASTERS**

**VIOLET KING**—Pkt. 10c.

**LAVENDER GEM**—Delicate lavender. Pkt. 10c.

**ROYAL PURPLE**—Pkt. 10c.

**HOHENZOLLERN**—Giant Comet, Ostrich Feather type of Asters. Mixed.

Pkt. 10c.

**VICK'S MIKADO PINK**—Shell pink. Pkt. 15c.

**GIANT COMET ASTERS**—Tall, large with long twisted petals, extra fine. Mixed colors. Pkt. 10c.

**NEW BRANCHING**—The flowers are borne on very long stems and are of extraordinary size. Mixed colors. Pkt. 10c.

**NEW BRANCHING**—In white, pink, lavender and purple, each separate. Pkt. 10c.

**TALL ASTERS**—In great variety and many different classes. Mixed. Pkt. 5c.

**DWARF ASTERS**—In great variety and many different classes. Mixed. Pkt. 5c.

**BACHELOR'S BUTTON (See Centaurea Cyanus)****BALSAM (Lady's Slipper, or Touch-Me-Not)**

**DOUBLE CAMELIA FLOWERED**—Fine. Mixed. Pkt. 10c.

**BALSAM APPLE (Momordica)**

Trailing plant, with ornamental foliage and golden yellow fruit. 10 feet. Hh. A. I. L. Pkt. 5c.

**BALLOON VINE (See Climbers)****BEGONIA**

**VERNON**—Very free bloomer, foliage a beautiful bronze hue. Pkt. 10c.

**TUBEROUS ROOTED**—M. I. G. Single choice-mixed, pkt. 20c. Double choice mixed, 40c.

**BARTONIA**

**AUREA**—Downy, thistle-like foliage. Flowers a beautiful golden yellow. Height 2 1/2 feet. H. A. I. Pkt. 5c.

**BELLIS PERENNIS (English Daisy)**

Hh. P. E.

**BEST DOUBLE**—Mixed. Pkt. 10c.

**LONGFELLOW**—Dark rose. Pkt. 10c.

**NEW SNOWBALL DAISY**—Snow white. Pkt. 10c.

**BOCCONIA JAPONICA**

T. P. 5 to 8 feet. Pkt. 10c.

**BRACHYCOME (Swan River Daisy)**

A dwarf, free-bloomer; blue flowers. Hh. A. L. 1 foot. Pkt. 5c.

**BROWALLIA (Amethyst)**

Flowers blue and white, very showy. Height 1 1/2 feet. T. A. M. I. Pkt. 5c.

**THE NEW GIANT BROWALLIA**

Dwarf with sky-blue flowers. Pkt. 60 seeds, 10c.

**CACALIA** (Tassel Flower)

Tassel-shaped flowers, growing in clusters. Mixed. 20 inches. H. A. I. Pkt. 5c.

**CALAMPELUS** (See Climbers)**CALANDRINIA**

Dwarf suitable for rock work. H. A. I. L.

**GRANDIFLORA**—Rich, rosy, pink; handsome. Pkt. 5c.**CALANDULA**

(Pot Marigold). Height 1 foot. H. A. L. L.

**METEOR**—Double; orange. Pkt. 5c.**PRINCE OF ORANGE**—Pkt. 5c.**CALCEOLARIA****HYBRID**—Finest mixed. E. I. Pkt. 20c.**CALLIOPSIS, or COREOPSIS**

H. A. L. Finest mixed. Pkt. 5c.

**GOLDEN WAVE**—Bright golden. Pkt. 10c.**NEW GOLDEN COREOPSIS** (Coreopsis Lanceolata)

A hardy herbaceous perennial; yellow flowers. Pkt. 10c.

**CAMPANULA** (Canterbury Bell)**DOUBLE ANNUAL VARIETIES**—In finest mixture. Pkt. 5c.**PERENNIAL VARIETIES**—Many varieties mixed. Pkt. 5c.**CANARY BIRD FLOWER** (See Climbers)**CANDYTUFT** (Iberis)

H. A. E. I.

**MIXED COLORS**—Pkt. 5c.**SNOWFLAKE**—White. Pkt. 5c.**NEW EMPRESS**—Pkt. 10c.**CANNAS****NEW FRENCH**—Finest mixed varieties. M. Pkt. 10c; 3 for 25c.**CARNATION****NEW DWARF MARGARET**—Blooms the first year from seed. Mixed colors. M. I. L. Pkt. 10c.**NEW GIANT MARGARET**—Very large; mixed. Pkt. 125 seeds, 15c.**MARGARET CARNATION**—Giant White. Pkt. 50 seeds, 10c.**GRENADIN**—Dwarf, deep salmon-red. Pkt. 10c.**VIENNA DWARF**—The best garden sort. Pkt. 10c.**CARNATION** (Dianthus Caryophyllus)

Hh. P. I. L. Fine double mixed. Pkt. 10c.

**CASTOR OIL BEAN**

H. A. O. M.

**SANGUINEUS**—5 feet. Pkt. 5c.**ZANZIBAR CASTOR BEAN**—The largest and most showy of all kinds.

Pkt. 10c.

**CELOSIA** (Coxcomb)

1 to 3 feet. Hh. A. M. I. L.

**PRESIDENT THIERS**—Best and largest dwarf. Pkt. 10c.**Tall Sorts**—Splendid mixture. Pkt. 5c.**Dwarf Sorts**—In great variety. Pkt. 5c.**OSTRICH FEATHER**—Large crimson plumes, resembling an ostrich feather. Pkt. 10c; 3 for 25c.**CENTAUREA****CYANUS**—Known as Bachelor's Button or Corn Beetle. 1 1/2 feet. H. R.-A. I. Mixed. Pkt. 5c.**GYMNOCARPA**—Dusty Miller. O. L. Hh. P. M. Pkt. 5c.**CYANUS**—fl. Pl. The new double Corn Flower. Mixed. H. A. I. Pkt. 10c.**NEW GIANT FRAGRANT CENTAUREA**

(Centaurea Imperialis)

Large and fragrant; mixed. Pkt. 5c.

**SWEET SULTAN** (Centaurea Suaveolens)

Large double sulphur yellow; sweet scented. Pkt. 5c.

**CENTROSEMA GRANDIFLORA** (See Climbers)**CHRYSANTHEMUM****CORONARIUM ALBUM**—Double White. Double Yellow. Pkt. 5c.**ECLIPSE**—Large single flowers, golden-yellow, with bright purplish scarlet ring. Pkt. 10c.**CHRYSANTHEMUM MAXIMUM** (Large Ox-Eye Daisy)

Pure white, extra fine. H. P. Pkt. 10c.

**CINERARIA HYBRID** (Cape Astor)

An attractive winter bloomer. G. M. Choice mixed. Pkt. 25c.

**CLARKIA**

Mixed. H. A. I. L. Pkt. 5c.

**CLEOME PUNGENS** (Giant Spider Plant)

Flowers bright rose. T. B. E. to I. Pkt. 10c.

**COBEA SCANDENS** (See Climbers)**COLEUS**

Commonly called foliage plants. M. G. 1 to 3 feet. Mixed. Pkt. 10c.

**COLLINSIA****BICOLOR**. Purple and white mixed. E. I. Pkt. 5c.**COSMOS**

M. H. A. L. Mixed, all colors. Pkt. 5c.

**WOODSIDE EARLY FLOWERING**—The earliest. Mixed colors. Pkt. 15c each.**COSMOS**—“White Pond Lily.” Pkt. 10c.**COSMOS**—“Pink Butterfly.” Pkt. 10c.**DWARF EARLY-FLOWERING COSMOS**—“Dawn.” White with delicate pink at the base of the petals. Pkt. 10c.**COWSLIP**

A very free bloomer, early spring flower, useful for borders. H. P. 9 inches. Mixed. Pkt. 10c.

**CYPERUS or UMBRELLA PLANT**

Grows in water with rich soil for mud. 10c.

**CYCLAMEN** (Persicum Giganteum)

Winter and spring bloomer. Hh. G. B. E. Finest mixed. Pkt. 25c.

**CUPHEA** (Cigar Plant)

Hh. A. Pkt. 5c.

**CYPRESS VINES** (See Climbers)**DAHLIA****Double Mixed**—D. M. L. 2 to 4 feet. Pkt. 10c.**Single Mixed**—Pkt. 10c.**CACTUS FLOWERED**—Double mixed, with twisted and curled petals. Pkt. 15c.**DAISY, Burbank's New Shasta**

The most popular of the daisy family. Hardy perennial. Pkt. 15c.

**DAISY, DOUBLE ENGLISH**—See Bellis Perennis.**DATURA** (Trumpet Flower)

Trumpet-shaped flower. 3 feet.

**FASTOSA HUBERINA**—Mixed, double flowers. Pkt. 10c.**CORNUCOPIA**—White with purple exterior. Pkt. 10c.**DELPHINIUM** (Larkspur)**A—Perennial Varieties****FORMOSUM**—Blue, white center. M. 3 feet. Pkt. 5c.**NUDICAULE**—Orange red. M. Pkt. 10c.**B—Annual Varieties****DOUBLE DWARF VARIETIES**—Finest mixed, 1½ feet. Pkt. 5c.**TALL ROCKET**—Mixed, 2½ feet. fl. pl. 5c.**DIANTHUS—PINK****SINGLE CHINESE PINK**—Pkt. 10c.**CHINENSIS**—(China or India Pink)—Double. Mixed. Pkt. 5c.**IMPERIALIS** (Imperial Pink)—Double. Mixed. Pkt. 5c.**HEDDEWIGI**—Finest mixed; single. Pkt. 5c.**HEDDEWIGI**—fl. pl. Double Japan Pink. Mixed. Pkt. 5c.**SNOW QUEEN PINK**—Double, white Japan Pink. Pkt. (150 seeds) 10c.**DIGITALIS** (Foxglove)

Flowers thimble-shaped and spotted. Height 3 feet. H. P. I. Pkt. 5c.

**ESCHOLTZIA** (California Poppy)

H. A. E. to L. Mixed. Pkt. 5c.

**“ROSY MORN”**—New—Rosy, white tinted primrose-yellow. Pkt. 10c; 3 for 25c.**BUSH ESCHOLTZIA, or HUNNEMANNIA**

Color clear bright yellow. Pkt. 10c.

**EUPHORBIA** (Snow on the Mountain)

Foliage veined and margined white. 1¼ feet. H. A. I. Pkt. 5c.

**EUPHORBIA HETROPHYLLA** (Mexican Fire Plant)

Smooth, glossy leaves which become dark fiery scarlet. A most attractive object on the lawn. Easy to cultivate. Pkt. 10c.

**FORGET-ME-NOT** (Myosotis) Hh. P. E. I.

**ALPESTRIS**—Blue. Pkt. 5c.

**VICTORIA**—Azure blue, with yellow centers. Pkt. 10c.

**RUTH FISCHER**—New. Large clusters of pure blue flowers. Pkt. 25c.

**"STAR OF LOVE"**—Dark sky-blue. Pkt. 10c.

**FREESIA**

**REFRACTA ALBA**—G. B. L. M. Pkt. 10c.

**FUCHSIA**

Double and single mixed. Pkt. 20c.

**GAILLARDIA** (Blanket Flower)

**PICTA LORENZIANA**—Mixed. H. A. Pkt. 5c.

**HARDY PERENNIAL GAILLARDIAS**—Hardy perennial. Mixed. I. L. Pkt. 10c.

**GERANIUMS**

Mixed. M. Pkt. 10c.

**GILLIA**

H. E. I. Pkt. 5c.

**GLAUCIUM** (Horn Poppy)

**LUTEUM**—Dwarf; leaves silvery white; flowers yellow, bell-shaped. 2 ft. M. H. P. I. L. Pkt. 5c.

**GLOXINIA**

House blooming bulbous plants, bell-shaped flowers. Mixed. M. E. to O. L. A. G. Pkt. 25c.

**GODETIAS**

Dwarf; flowers handsome, brilliant, and produced in profusion. Choice mixed. Pkt. 5c.

**GREVILLEA ROBUSTA** (Silk Oak)

Beautiful foliage. M. Pkt. 10c.

**GYPSOPHILA**, or **ANGEL'S BREATH**

Very beautiful. Pkt. 5c.

**HELIOTROPE**

**MAMMOTH FLOWERED**—Blooms from seed the first year. Pkt. 10c.

**HELIANTHUS** (Sunflower)

Height of 4 to 8 feet. H. A. I. L. Mixed. Pkt. 5c.

**HELICHRYSUM** (See Everlastings)**HIBISCUS** I. L.

**CRIMSON EYE**—Large, white, with crimson eye. Pkt. 10c.

**MALLOW MARVELS**—New. The most beautiful and showy of all hardy hibiscus. Pkt. 20c.

**HOLLYHOCK**

Seed sown in June and July to have flowering\* plants the next summer. Height, 4 to 9 feet. H. P. I. L. M.

**Finest Mixed**—Double, 10c.

**ALLEGHENY FRINGED HOLLYHOCK**—Finely fringed and curled. Pkt. 10c.

**NEW ANNUAL HOLLYHOCKS**—Bloom from Seed the First Year. Flowers are double, semi-double or single. Pkt. 10c.

**ICE PLANT** (Mesembryanthemum)

Foliage of a frosty wax-like appearance. T. A. M. L. Pkt. 5c.

**IMPATIENS SULTANI** (or Zanzibar Balsam)

Rosy carmine flowers. G. P. I. L. M. Pkt. 10c.

**JACK-AND-THE-BEAN-STALK VINE**

(Pueraria Thunbergina) Chinese Kudzu

Foliage large and dense. Pkt. 15c.

**JOB'S TEARS**

Per oz. 5c;  $\frac{1}{4}$  lb. 15c; lb. 50c.

**KENILWORTH IVY**

Beautiful basket or vase plant. Pkt. 10c.

**KOCHIA SCOPARIA**, or **SUMMER CYPRESS**

Small, bright scarlet flowers; the bushy plants resembling balls of fire. Pkt. 10c; 3 pkts. for 25c.

**LATHYRUS** (Everlasting Pea)

Useful for covering trellises, verandas, etc. 5 feet. H. P. I. Mixed.  
Pkt. 5c.

**LINUM** (Flowering Flax)

**GRANDIFLORA COCINUM** Hh. A. I. L. Scarlet. Pkt. 5c.

**LOBELIA**

H. A. M. E. Mixed colors. Pkt. 5c.

**CRYSTAL PALACE COMPACTA**—Bright blue. Six inches. Pkt. 5c.

**LUPINUS** (Sun Dials)

Pea-shaped flowers. H. A. E. to L. Fine mixed. Pkt. 10c.

**MAURANDIA** (See Climbers)**MIRABILIS, or MARVEL OF PERU** (Four O'Clock)

L. Finest mixed. Pkt. 5c.

**MARIGOLD** (Tagets) I. L.

**AFRICAN**—Tall. Mixed. Pkt. 5c.

**FRENCH DOUBLE**—Mixed dwarf. Pkt. 5c.

**MIGNONETTE**

(*Reseda*) **PARSON'S WHITE**—Almost white. Pkt. 5c.

**MACHET**—Large flowering. H. A. I. L. Pkt. 10c.

**MIMOAS** (Sensitive Plant)

Pinkish-white flowers. Leaves close and drop when touched or shaken. T. A. M. 1 1/4 feet. Pkt. 5c.

**MIMULUS**

Monkey Flower. Fine for baskets. Mixed. H. A. I. L. Pkt. 10c.

**MUSCHATUS** (Musk Plant)

Pkt. 5c.

**MOONFLOWER**

**WHITE IPOMOEA NOCTIFLORA**—5 to 6 inches in diameter. Pkt. (15 seeds), 10c.

**MORNING GLORY** (See Climbers)**MOSS ROSE** (See Portulaca)**NASTURTIUMS—Dwarf**

**KRAMER'S SPECIAL MIXTURE OF DWARF NASTURTIUMS**—This collection is made up from the best named varieties and are sure to please. Pkt. 10c; oz. 25c.

**AURORA**—Chrome yellow, veined carmine. Pkt. 5c.

**EMPEROR OF INDIA**—Crimson. Pkt. 5c.

**KING THEODORE**—Velvety crimson. Pkt. 5c.

**GOLDEN KING**—Brilliant yellow. Pkt. 5c. each.

**GOLDEN CLOTH**—Foliation golden yellow, flowers scarlet. Pkt. 5c.

**DWARF VARIETIES**—Mixed. Pkt. 5c; oz. 20c.

**NEW LILLIPUT NASTURTIUM**—Flowers small, of rare beauty. Pkt. 5c.

**DWARF CHAMELEON**—Very dwarf. Mixed. Pkt. 10c.

**TALL NASTURTIUMS**

**KRAMER'S SPECIAL MIXTURE OF CLIMBING NASTURTIUMS**—In our Special Mixture of this popular flower will be found all the choicest colors. Pkt. 10c; oz. 25c.

**MADAME GUNTHER'S HYBRIDS**—New Climbing Nasturtiums. Mixed. Pkt. 10c; oz. 25c.

**SCARLET STRIPED, CRIMSON, LIGHT YELLOW**—Each separate. Pkt. 5c.

**TALL VARIETIES**—Mixed. Pkt. 5c; oz. 20c.

**LOBB'S NASTURTIUM**—Mixed. Pkt. 5c.

**NEMOPHILA** (Love Grove)

Dwarf. A. A. E. to L. 1/2 foot. Mixed. Pkt. 5c.

**NICOTIANA** (Tobacco Plant)

**AFFINIS**—2 feet, pure white, fragrant. M. Hh. A. I. L. Pkt. 5c.

**SANDERAE**—An intensely growing rosy-carmine, extra fine. 10c.

**NIGELLA HISPANICA** (Love in a Mist)

Height, 1 foot. H. A. E. I. Pkt. 5c.

**MISS JEKYLL**—Fine fern-like foliage, beautiful blue flowers. Pkt. 10c.

**NOLONA**

Trailing habit, with Morning Glory-like flowers. H. A. L. Mixed. Pkt. 5c.

**NYCTERINIA CAPENSIS**

Sweet-scented star-shaped flowers. Height 6 in. Hh. P. I. L. M. Pkt. 5c.

**ONEOTHERA** (Evening Primrose)

H. A. I. L. Mixed. Pkt. 5c.

**OXALIS**

**ROSEA**—6 in. Hh. P. I. L. Pkt. 5c.

# PANSIES

**GIANT CASSIER**—Large heavy blotches, blue and white being the predominant colors. Pkt. 20c.  
**GIANT BUGNOT**—Petals blotched running out in delicate rays to edge. Pkt. 15c.  
**IMPROVED GIANT TRIMARDEAU**—Very large; mixed. Pkt. 10c.  
**GIANT TRIMARDEAU**—In separate colors, white, yellow, purple, black and striped; each per pkt. 10c.  
**GIANT PARIS**—Very large, mixed colors. Pkt. 15c.  
**CHOICE MIXED**—Pkt. 10c.  
**CHICAGO PARK MIXTURE**—Pkt. 5c.

## KRAMER'S 20TH CENTURY "GIANT PANSY MIXTURE"

A mixture of the best from all varieties. Pkt. (about 150 seeds) 15c; two pkts. 25c.

**MASTERPIECE, New Giant Curled**—The so-called double pansies. Most artistic in form and beautiful in colors. Pkt. 20c.

**GIANT GERMAN MIXTURE**—A fine strain. Pkt. 10c.

## PERILLA

Deep bronze foliage. Hh. A. I. O. M. Height 15 inches. Pkt. 5c.

## PENTSTEMON

**FINEST HYBRIDS**—Flowers half pendant, bell-shaped and marbled in beautiful bright shades. H. P. I. L. Mixed. Pkt. 10c.

## THE CHRISTMAS PEPPER

Bright scarlet fruit borne above the foliage, will last for months. Pkt. 10c.

## PETUNIA

**NEW PETUNIA, "Snowball"**—Dwarf, white. Pkt. 10c.  
**HOWARD'S STAR PETUNIA**—Crimson maroon, veined violet, with a five-rayed star of light bluish pink. Pkt. 10c.  
**FINEST MIXED**—Pkt. 10c.  
**GOOD MIXED**—Pkt. 5c.  
**DWARF INIMITABLE**—Cherry-red with a clear, white star. Pkt. 10c.  
**SUPERBISSIMA MIXTURE**—Mammoth flowers. Pkt. 25c.  
**FRINGED SORTS (Fimbriata)**—Mixed. Pkt. 25c.  
**DOUBLE PETUNIAS**—A fine strain producing 20 to 30 per cent of double flowers. Pkt. (50 seeds) 30c.

## PHLOX

**PHLOX**—Drummondii—Many colors. Mixed. Pkt. 5c.  
**GRANDIFLORA SPLENDENS**—Giant flowered. Finest mixed. Pkt. 250 seeds, 10c.  
**DOUBLE FLOWERING PHLOX**—Flowers are double and semi-double. Pkt. 10c.  
**PHLOX**—Star of Quedlinburg—Mixed. Pkt. 10c.  
**DWARF PHLOX (Phlox Drummondii Nana Compacta)**. Mixed. Pkt. 10c.  
**HARDY PHLOX (Phlox Decussata)**—Mixed. Pkt. 10c.

## PHYSAYLIS FRANCHETI

**CHINESE LANTERN PLANT (Ground Cherry Tomato)**—Bright red fruits, which are enclosed in a semi-transparent calyx or leafy capsule, bright orange scarlet in color. Pkt. 5c.

## PLATYCODON GRANDIFLORA

A hardy perennial, star-shaped flowers, 3 inches across. Pkt. 10c.

## POLYANTHUS

1 ft. H. P. E. to L. Mixed. 10c.

## POPPIES, Single

**DANEBROG**—Brilliant scarlet with silvery white spot on each petal forming a white cross. Pkt. 5c.  
**NEW PEACOCK**—Vivid scarlet and cherry crimson with glossy zone near base of petal. Pkt. 5c.  
**SINGLE**—All colors and varieties mixed. Pkt. 5c.  
**SHIRLEY—Silk or Ghost Poppy**—Terra cotta with pink and scarlet. Pkt. 10c; 3 pkts. 20c.

## POPPIES, Double Varieties

**FAIRY BLUSH POPPY**—Double-fringed white, tipped rose. Pkt. 10c.  
**DOUBLE**—All colors and varieties mixed. Pkt. 5c.  
**PAEONY FLOWERED**—Flowers in size and color equal to Paeonies. Mixed. Pkt. 5c.

## KRAMER'S MIXTURE OF POPPIES

This beautiful mixture of double and single varieties embraces everything in the line of Poppies. Pkt. (500 seeds) 10c.

## POPPY, NEW ORIENTAL HYBRIDS

Hardy. Pkt. 20c.

## POPPY, ICELAND, NEW HYBRIDS

The loveliest of all Poppies, embracing a great variety of colors. Pkt. (1000 seeds) 15c.

## ADMIRAL POPPY

Single paeony flowered, pure white with a broad band of brilliant scarlet around the top. Pkt. 10c.

## PORTULACA, or MOSS ROSE

T. A. I. L. Finest single mixed. Pkt. 5c.

**DOUBLE ROSE FLOWERED MIXTURE**—Pkt. 10c.

## PRIMULA

Chinese Primrose, one of the finest pot plants for winter and spring blooming.

**FIMBRIATA, ALBA AND RUBRA**—M. Mixed. Pkt. 25c.

**OBCONICA**—A beautiful blooming Primrose. Mixed. M. Pkt. 10c.

## MEXICAN PRIMROSE (Onethera Rosea), or EVENING PRIMROSE

M. T. E. to L. Pkt. 10c.

## PRIMULA FOBESI—The “Baby Primrose”

A beautiful pot plant. Pkt. (100 seeds) 10c.

## PYRETHRUM (Feverfew)

**AUREUM (Golden Feather)**—Beautiful golden-leaved bedding plant. O. M. Pkt. 5c.

## QUEEN ANNE'S SWEET SCENTED POCKET MELON

Great curiosity and useful fruit. Grows on trellises; showy fruit which has a delicious perfume. Pkt. (20 seeds) 10c.

## RHODANTHEA (See Everlastings)

## RICINUS (Castor Oil Bean) (See Castor Oil)

## ROSE NEW DWARF POLYANTHA

They bloom in four months after sowing. A very dwarf and profuse bloomer producing single, semi-double and double flowers in clusters. Pkt. 15c.

## SALPIGLOSSIS

Beautiful veined and tinted-shaded flowers. Height 1 1/2 ft. Hh. H.

**GRANDIFLORA**—Finest mixture large flowering varieties. Pkt. 5c.

**NEW EMPEROR**—Mixed. Pkt. (250 seeds) 15c.

## SALVIA

**CLARA BEDMAN**—About 2 1/2 feet high. Pkt. 10c.

**SALVIA SPLENDENS (Scarlet Sage)**—Pkt. 5c.

**ZURICH**—Earliest blooming. Dwarf. Pkt. 20c.

**“FIREBALL” (Flowering Sage)**—Early flowering. Pkt. 15c; 2 pkts. 25c.

## SANVITALIA

Dwarf. Double golden-yellow flower. H. A. I. L. 1/2 foot. Pkt. 5c.

## SCABIOSA (Morning Bride, or Sweet Scabius)

Border plant. Double. Mixed. H. A. I. L. 1 to 2 feet. Pkt. 5c.

**SNOWBALL SCABIOSA**—Double. White. Pkt. 10c.

## SCHIZANTHUS, or BUTTERFLY FLOWER

**SCHIZANTHUS HYBRIDUS GRANDIFLORA—The Poor Man's Orchid**—Literally covered with beautiful, orchid-like flowers. Pkt. 10c.

## SEDUM (Stone Crop)

Height 3 inches. H. A. I. M. **Coerulum**—Blue. Pkt. 5c.

## SILENE (Catch-Fly)

H. A. E. I. 1 foot. Mixed. Pkt. 5c.

## SOLANUM

**JERUSALEM CHERRY**—Bright colored fruit about the size of a cherry. C. P. I. L. M. Pkt. 10c.

## STOKESIA CYANEA

Beautiful hardy perennial. Lavender-blue aster-like flowers. Pkt. 15c.

## STOCK—TEN WEEK

H. A. A. E. I. M.

**DWARF GERMAN**—15 inches. Mixed. Pkt. 10c.

**FIRE FLAME**—Pkt. 10c.

**SNOWFLAKE STOCK**—The earliest flowering White. Pkt. 10c.

## SWEET PEAS

### SOW VERY EARLY AND COVER ABOUT FOUR INCHES DEEP

Prices, except where noted, pkt. 5c; oz. 15c.

**AURORA—SPENCER**—Flaked and striped bright orange salmon, and white ground. Pkt. 10c; oz. 25c.

**APPLEBLOSSOM—SPENCER**—Bright rosy pink. Pkt. 10c; oz. 25c.

**EMILY HENDERSON**—Snow white.

**MISS BLANCHE FERRY**—White and pink.

**PRIMA DONNA**—Light rose pink.

**GLADYS UNWIN**—Pale rosy pink.

**MRS. WALTER WRIGHT**—Lavender.

**BLACK NIGHT**—Deep maroon.

**DAINTY**—White with pink edge.

**DOROTHY ECKFORD**—Pure white.

**EARLIEST OF ALL**—White and pink.

**FLORA NORTON**—Rich light lavender.

**COUNTESS OF SPENCER**—Pale pink, darker edge. Pkt. 10c; oz. 25c.

**GEORGE HERBERT**—Standard rosy magenta, wings deep carmine.

Pkt. 10c; oz. 25c.

**PRIMROSE—SPENCER**—Primrose. Pkt. 10c; oz. 30c.

**WHITE SPENCER**—Pure white. Pkt. 10c; oz. 40c.

**LORD NELSON**—Deeper and richer than Navy Blue.

**NORA UNWIN**—Giant white. Pkt. 10c; oz. 25c.

**KING EDWARD VII**—Best dark rich red.

**HON. MRS. E. KENYON**—The best yellow to date.

## KRAMER'S MAMMOTH MIXTURE OF SWEET PEAS

A mixture of the best there is in all classes of Sweet Peas. Lb. \$1.50;  $\frac{1}{2}$  lb. 85c;  $\frac{1}{4}$  lb. 60c; oz. 15c; pkt. 5c.

**ECKFORD'S MIXED**—Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.25.

## SUNFLOWER

**CALIFORNICUS** fl. pl.—5 ft. Double, dark yellow. Pkt. 5c.

**CHRYSANTHEMUM FLOWERED**—6 ft. Double, golden yellow. Pkt. 5c.

**GLOBOSUS FISTULOSIS** fl. pl.—6 ft. Double, rich saffron. Pkt. 5c.

**PRIMROSE QUEEN**—Double. 5 ft. Pale sulphur yellow. 10c.

**NANUS FLORE PLENO**— $2\frac{1}{2}$  ft. Double dwarf. 5c.

**MIXED**—Double and single. Pkt. 5c.

## SWEET WILLIAM (Dianthus Barbatus)

**SINGLE GIANT FLOWERED**—Mixed. Pkt. (100 seeds) 10c.

**DOUBLE GIANT FLOWERED**—Mixed. Pkt. (100 seeds) 10c; 3 pkts. 25c.

## THUNBERGIA (See Climbers)

## TORRENIA FOURNIER

Sky-blue with 3 indigo-blue spots and a bright yellow throat. T. A. I. L. M. Pkt. 10c.

## VERBENA

**MAYFLOWER**—Delicate pink and delightfully fragrant. Pkt. (75 seeds) 10c; 3 for 25c.

**MAMMOTH FLOWERED**—Mixed. Pkt. 5c.

**MAMMOTH**—White, scarlet and purple. Each, pkt. 5c.

## VINCA

2 feet. T. P. I. L. M. Mixed. Pkt. 10c.

## SWEET VIOLETS

**V. BLUE**—The old-fashioned sorts. Pkt. 5c.

## VIRGINIA STOCKS (Cherianthus Meritimus)

Red flowers. H. A. E. I. Pkt. 5c.

## WALL FLOWER (Gold Lack)

Deliciously fragrant, rich colors. T. P. E. to L. M.

**SINGLE**—Mixed. Pkt. 5c.

**DOUBLE**—Branching; mixed. Pkt. 10c.

## WILD FLOWER GARDEN

Our Wild Flower Garden Mixture consists of many varieties of beautiful easy-growing flowers, producing a constant and varied bloom the whole season, for sowing in shrubbery, under trees, and on which no care will be bestowed, or even for sowing in exposed situations where wildness is preferred to order and precision. The mixture comprises mignonette, candytuft, larkspur, marigolds, poppies, foxgloves, and many other garden favorites, which will flower successfully and yield an abundance of bloom. Large pkt. 10c;  $\frac{1}{2}$  oz. 20c.

## WILD CUCUMBERS (See Climbers)

## XERANTHEMUM (See Everlastings)

## ZINNIA

**ALBA**—Double; pure white. Pkt. 5c.

**ELEGANS**—fl. pl. Double; mixed. Pkt. 5c.

**DOUBLE LILLIPUT**—About 15 inches high; double; mixed. Pkt. 10c.

## VINES AND CLIMBERS

### ADLUMIA (Mountain Fringe)

Pink and white flowers. H. B. I. to L. 10c.

### BALLOON VINE (Love in a Puff)

Very ornamental; 5 feet; flowers white. H. H. A. I. L. Pkt. 5c.

### CANARY BIRD FLOWER

Yellow fringed flowers; 10 feet. H. H. A. I. L. Pkt. 10c.

**CENTROSEMA GRANDIFLORA**

Hardy perennial. Pea-shaped flowers; mixed. Pkt. 10c.

**COBOEA SCANDENS**

Bell-shaped, purple flowers; 20 feet. T. P. M. L. to L. Pkt. 10c.

**CYPRESS VINE**

T. A. I. L. Mixed. Pkt. 5c.

**DOLICHOS** (Hyacinth Bean)

White, purple or lilac; 10 feet. H. A. I. L. Pkt. 5c.

**GORARDS—ORNAMENTAL**

Mixed. 5c.

**CHINESE BOTTLE GOURD**

Used by the Chinese for carrying water; very useful. Pkt. 15c.

**JAPAN HOP** (*Humulus Japonica*)

One of the best plants for covering verandas, etc. Pkt. 5c.

**JAPONICUS FOL. VAR.**—(Variegated Leaved Japan Hop). Green and white. Pkt. 10c.**LATHYRUS** (Everlasting Pea)

6 feet. H. P. I. Mixed. Pkt. 5c.

**MAURANDIA**

An elegant climbing perennial; mixed. Pkt. 10c.

**MOON VINE**

White. Pkt. 10c.

**WILD CUCUMBER**

Quickest climber known. Ah. A. I. Pkt. 10c.

**MORNING GLORY****THE JAPANESE IMPERIAL MORNING GLORIES**—Pkt. 10c; 3 pkts. 25c.**NEW DOUBLE**—Pkt. 10c.**MORNING GLORY** (*Convolvulus Major*)—Height 15 feet. H. A. I. L.

Mixed. Pkt. 5c.

**SMILAX**

Green-house climbers. M. Pkt. 10c.

**THUNBERGIA**

Handsome foliage and flowers. Height 4 feet. Hh. A. I. L. Mixed, all colors. Pkt. 5c.

# EVERLASTING FLOWERS

**ACROCLINEUM**

Mixed. 5c.

**AMMOBIUM**

White, on long stems. Pkt. 5c.

**GOMPHRENA**, or **GLOBE AMARANTH**

Clover-like heads; mixed. 5c.

**HELICHRYSUM**

Mixed. 5c.

**RHODANTHE**

Mixed. 10c.

**XERANTHEMUM**

Double; mixed. 5c.

**ORNAMENTAL GRASSES**

Useful for window bouquets. Pkt. 10c; 3 for 20c.

# Flowering and Ornamental Plants

We pay the postage on the first or small size plants unless otherwise quoted. This is the only size we send by mail. All large plants or plants not quoted as prepaid will be shipped by express at purchaser's expense. No plants shipped by freight except at the risk of purchaser. We do not guarantee plants or shrubs of any kind to grow but do guarantee safe arrival when shipped either by express or mail. If received in bad order or if there has been any mistake we must be notified at once, otherwise we will not be responsible, as we positively will not be responsible for after treatment or results. Please remember this. Do not delay a day, week, or month, but notify us promptly and we will rectify or make good any just claim. Orders for plants to be sent by mail will be held till we consider it safe to send without danger of freezing. If ordered mailed earlier they will go at your risk. We recommend that all plants be shipped by express as they can be shipped at any time with perfect safety. When shipped by express the



ABUNDANT BEAUTY

earth goes with every plant; in this way the roots are not disturbed and plants arrive in better condition than when sent by mail as the earth is removed when packing for mail. When plants are received, especially those sent by mail, they should be potted in as small pots as possible, watered and kept in partial shade for a few days till plants start to grow. Do not over-water, as it would do more harm than good.

#### **EXTRA SPECIAL**

For an order of 5 plants or more at postpaid prices you may deduct 15 per cent, or for an order of 10 plants or more you may deduct 20 per cent from amount when remitting. This offer does not include anything except plants listed as postpaid.

Keep your plant orders separate from seed orders and write only one item on a line.

### **ABUTILONS**

Postpaid, 15c each; by express, 10c each; larger plants, 15c and 25c each.

**GOLDEN FLEECE**—Yellow.

**ECLIPSE**—Trailing variety; foliage marked deep green and yellow. Flowers deep orange and yellow with crimson throat.

**ERECTA**—Flowers stand up erect instead of hanging pendulous as in other varieties. Orange pink.

**SNOW STORM**—Pure white.

**FIRE KING**—Fiery red.

**SOUV. DE BONN**—Green leaves edged white. Flowers yellow veined with scarlet.

**SAVITSI**—Dwarf, leaves green with pure white band.

### **ACHRYANTHUS**

A variety of highly colored foliage plants. Postpaid, 15c; by express, 10c; 75c doz.

#### **ACALYPH** (Shrubby Coleus)

**MILONIANA**—New—Leaf narrow, notched and very sharp pointed. Bright green, bordered with creamy white. Postpaid, 20c; by exp., 15c.

**MACAFEANA**—Brownish red leaf. Postpaid, 25c; by express, 20c.

**MARGINATA**—Same color, rose border. Postpaid, 25c; by exp., 20c.

**SANDERS** or **CHENILLE PLANT**, which see.

### **AGERATUM**

Fine winter or summer flowering. Blue or white. Postpaid, 15c; by express, 10c each; \$1.00 per dozen.

### **ACHANIA MALAVISCUS**

Called the upright flowering Fuschia; scarlet flowers. Postpaid, 20c; by express, 15c to 25c.

#### **ACHILLEA** (See Hardy Plants)

#### **ALTERNANTHEA**

No plants are so well adapted to carpet bedding as these. Postpaid, 15c; by express, 10c each; 75c per doz.

**PARYCHOIDES MAJOR**—Bronze, tipped with red.

**AUREA NANA**—Yellow and green.

#### **AGATHEA BLUE DAISY**

**CELESTIS**—Daisy-like flowers, light blue, disc yellow. Postpaid, 15c each; by express, 10c each.

#### **ALMONDS** (See Hardy Plants)

#### **ALOYSIA CITRADORA**

**LEMON VERBENA**—Very fragrant foliage. Postpaid, 15c; by express, 10c each.

#### **ALYSSUM SWEET**

Postpaid, 15c each; by express, 10c each.

**DOUBLE**—Pure white and very double.

**TOM THUMB**—Dwarf; never higher than 6 inches.

#### **AMARYLLIS**

**JOHNSONII**—A beautiful house blooming bulb, dark red with white stripe. Postpaid, 60c; by express, 50c and \$1.00 each.

#### **AMOMUM MELEGUETTA**

Very pretty pot plant; fragrant foliage. Postpaid, 30c; by exp., 25c.

#### **AMPELOPSIS** (See Hardy Plants)

#### **ANTHERICUM**

**REPENS VITATUM VAR**—For hanging baskets and vases. Foliage bright green striped white. Postpaid, 30c; by express, 25c.

#### **AQUILEGIA** (See Hardy Plants)

#### **ARAUCARIA EXCELSA** (Norfolk Island Pine)

Resembles the pine, the branches being arranged in symmetrical whorls. Plants 6 to 7 inches high, with 2 to 3 whorls, postpaid, \$1.75; by express, \$1.50 each; plants 12 to 14 inches high, with 3 to 4 whorls, \$2.00 each; 10 to 20 inches, 4 whorls, \$3.00.

#### **ARISTOLOCHIA** (See Hardy Plants)

#### **ARTILERY PLANT** (See Pilea)

**ASPARAGUS PLUMOSUS** (Climbing Lace Fern)

Postpaid, 15c; by express, 10c, 25c, 50c and \$1.00 each.

**ASPARAGUS SPRENGERI**

An elegant basket or vase plant with fresh green feathery foliage. Postpaid, 15c; by express, 15c, 25c, 50c and \$1.00 each.

**ASPIDISTRA VARIEGATA**

One of the best winter plants, standing dust and gas well; leaves 8 to 12 inches long and 4 to 6 inches wide; deep green, distinct creamy white stripes. Postpaid, 50c; by express, 50c to \$3.00 each.

**BARBERRY** (See Hardy Plants)**BRIDAL WREATH** (See Spires in Hardy Plants)**BOUGAINVILLE GLABRA SANDERINA**

(New)—Beautiful rosy-crimson flowers. Postpaid, 25c; by express, 20c, 50c, and \$1.00 each.

**BRUGMANSIA****HOST FLOWER, or ANGEL'S TRUMPET**—Mammoth sweet-scented, pure white, trumpet-shaped flowers 8 to 12 inches in length. Price, postpaid, 60c; by express, 50c.**BOSTON IVY** (See Ampelopsis in Hardy Plant List)**BIGNONIA, or Trumpet Creeper** (See Hardy Plants)**BLANKET FLOWER** (See Gaillardia, Hardy Plants)**BLEEDING HEART** (See Dielytra in Hardy Plants)**FLOWERING BEGONIA****In great Varieties, Postpaid, 20c each; by Express, 10c, 15c, 25c, and \$1.00 each.****BEGONIAS**—Tuberous Rooted—Excellent for bedding purposes, especially in a shady situation. White, pink, yellow, red. Single varieties, dry bulbs. Postpaid, 15c; by express, 15c each, \$1.50 per dozen. Started bulbs, 25c each.**CALLAS****AETHIOPICA, or LILY OF THE NILE**—Postpaid, 25c; by express, 25c, 50c and \$1.00 each.**RICHARDIA ALBA MACULATA**—(Spotted Calla)—Spotted leaves, pure white shaded, violet inside. Postpaid, 15c; by express, 10c to 75c each.**CALADIUM ESCULENTUM, or Elephant Ear Plant**

Leaves of immense size, sometimes 2 feet wide and 3 feet long. Dry bulb, postpaid, 15c, 25c, and 50c each. Started bulb, by express, 25c and \$1.00 each.

**FANCY-LEAVED CALADIUMS**

Leaves variegated red, yellow, white, brown, green, etc. Many choice varieties mixed. Dry bulbs, postpaid, 25c. Started bulbs, by express, 50c to \$1.00 each.

**CANNAS**

In great variety, either green or bronze foliage. Started bulbs, postpaid, 20c; by express, 15c each, \$1.50 dozen.

**CARNATION**

Red, white, light pink, and dark pink.

**Price of small plants for spring delivery only, postpaid, 15c; by express, 10c each.****Price of large plants for fall delivery only, by express, 25c each.****CENTAUREA GYMNOCARPA**

For vases, baskets and borders; silvery gray foliage. Postpaid, 15c; by express, 10c and 75c per dozen.

**CESTRUM****PARQUI** (Night Blooming Jasmine)—Small, greenish-white blooms, with a delightful odor, which is dispensed freely during the night only. Postpaid, 30c; by express, 25c each.**CHAEONSTEMMA HISPIDA**

Star-shaped and pure white. 15c; by express, 10c, 15c, and 25c each.

**CHENILLE PLANT** (Acalypha Sanderi)

Spikes appear in pairs from the axils of the leaves, grow from 1 to 2 feet in length; bright crimson color. Postpaid, 30c; by express, 25c.

**CHINESE MATRIMONY VINE** (See Hardy Plants)**CHRYSANTHEMUM**

We eliminate the long list of varieties as it is often confusing and hard to decide which to order. Our list is large and comprises all sizes and shades of color known in chrysanthemums. When ordering, state which you want, large, medium or small flowering, also color, and will make

selection which is sure to please. Postpaid, 15c; by express, 10c; \$1.00 per dozen. For fall delivery can furnish only large flowering plants. By express, 50c to \$3.00 each, according to size.

### COBEA SCANDENS

Rapid climber with beautiful foliage, purple, bell-shaped flowers. Postpaid, 20c; by express, 15c and 25c.

### COCOLOBA PLATYCLADA

Curious, flat-stemmed, fern-like plant. Fine for baskets. Postpaid, 15c; by express, 10c and 25c.

### CINNAMON VINE

A beautiful hardy climber, sweet-scented flowers. Postpaid, 15c; by express 10c and 25c.

### CLEMATIS (See Hardy Plants)

### CLERODENDRON

**BALFOURI**—Bright scarlet flowers, with creamy white calyx. Postpaid, 30c; by express, 25c.

### COLEUS

The best of all ornamental foliage plants for summer bedding; fine for edging large beds or massing by themselves. Very tender and should not be planted until all danger of late frost is over. Postpaid, 10c; by express, 10c each; 75c per dozen.

### FANCY COLEUS

**BRILLIANTY**—The finest Giant Coleus ever offered. The color is a bright carmine, shading off to a deep maroon, the margins of the leaves bordered with yellow and green and having a rich velvety lustre; leaves very large, often 9 to 10 inches long. Postpaid, 15c; by express, 15c, 25c and 50c each.

### COLUMBINE (See Aquilegia under Hardy Plants)

### COREOPSIS (See Hardy Plants)

### CORNUS (See Hardy Plants)

### CORONILLA GLAUCA

A vining plant bearing bright yellow pea-shaped flowers, which are very fragrant. Postpaid, 20c; by express, 15c.

### CRAB (See Hardy Plants)

### CUPHEA

**CUPHEA LIAVAE**—Flowers red, white and blue, fine for baskets, vases and a border plant. Postpaid, 15c; by express, 10c.

**PLATYCENTRA (Ladies' Cigar Plant)**—Very useful as a ribbon line or front border plant. Postpaid, 15c; by express, 10c.

### CLEMATIS JACKMANII (See List of Hardy Plants)

### CYCLAMEN

One of the finest winter blooming plants grown. Postpaid, 60c; by express, 50c, \$1.00 and \$2.00 each.

### CYPERUS ALTERNIFOLIUS (Umbrella Plant)

Postpaid, 15c; by express, 10c, 25c, \$1.00 and \$2.00 each.

### DAHLIAS

Dry roots, red, white, pink, yellow and variegated. Small or divided roots, postpaid, 25c; by express, 20c; extra large undivided roots, 50c.

### DAISY

**DOUBLE ENGLISH**—Very double; pure white and pink flowers. Each, postpaid, 15c; by express, 10c; \$1.00 per doz.

### BLUE DAISY (See Agatha)

### MARGUERITE DAISIES (See Marguerite)

### SHASTA DAISY (See Hardy Plants)

### DAY LILY (See Funkia in Hardy Plants)

### DELPHINIUM (See Hardy Plants)

### DIELYTRA (See Bleeding Heart in Hardy Plants)

### DIGITALIS (Foxglove) (See Hardy Plants)

### DOGWOOD (See Cornus in Hardy Plants)

### EUPHORBIA SPLENDENS (Crown of Thorns)

Densely covered with spines an inch in length; blooms freely summer and winter; bright scarlet flowers with yellow center. Postpaid, 25c; by express, 25c, 50c, \$1.00 and \$3.00 each.

**FORSYTHIA** (Golden Bells) (See Hardy Plants)**FARFUGIUM**

**GRANDE**—Leaves spotted with creamy white and yellow. Postpaid, 30c; by express, 25c and 50c.

**FERNS**

**OSTRICH PLUME FERNS**—Postpaid, 20c; by express, 15c, 25c, 50c, and \$1.00, \$2.00, and \$3.00.

**TABLE FERNS**—These are small ferns used for table fern dishes, a combination of the different varieties. Make a most beautiful ornament. In great variety. Postpaid, 20c; by express, 15c each.

**BOSTON SWORD FERN**—Each, postpaid, 20c; by express, 15c, 25c, 50c, \$1.00, and \$2.00.

**FEVERFEW**

**LITTLE GEM**—Double white. Postpaid, 15c; by express, 10c, \$1.00 per dozen.

**FORGET-ME-NOT**

Charming blue flowers. Each, postpaid, 20c; by express, 15c.

**FOXGLOVE** (See Digitalis in Hardy Plants)**FICUS**

**ELASTICA (Indian Rubber Tree)**—Postpaid, \$1.00; by express, 75c, \$1.00 and up.

**FUCHSIAS**

**TRAILING QUEEN**—Drooping or vining variety. Corolla deep velvet purple, changing to crimson; buds, tubes and sepals rosy scarlet. Postpaid, 20c; by express, 15c, 25c, and 50c.

**SUNRAY**—Novelty. Leaves combine all the colors of the sunset. Each, postpaid, 25c; by express, 20c.

**MRS. E. G. HILL**—Grandest white Fuchsia ever grown; large and very double. Postpaid, 20c; by express, 15c each.

**PHENOMENAL**—The largest Fuschia grown. Tube and sepals bright coral red, corolla, richest violet. Postpaid, 20c; by express, 15c.

**GEM OF LIVINGSTON**—Large single corolla; rosy carmine tinted violet. Postpaid, 15c; by express, 10c.

**SPECIOSA**—Fine blush rose tube and sepals, reddish corolla good for winter blooming. Postpaid, 15c; by express, 10c.

**GUIDING STAR**—Sepals blush; corolla purple. Postpaid, 15c; by express, 10c.

**LITTLE BEAUTY**—Dwarf. Free-blooming. Sepals carmine, corolla deep lilac. Single, postpaid, 20c; by express, 15c.

**FUNKIA DAY LILY** (See Hardy Plants).**GAILLARDIA** (Blanket Flower) (See Hardy Plants)**GERANIUMS**

Our collection contains the best in double and single. Order by color. Price, postpaid, 15c; by express, 10c, 15c, 25c, and 50c each.

**FRAGRANT GERANIUMS**—Postpaid, 15c; by express, 10c each.

**SKELETON**—Rose scented.

**ROSE**—Rose scented.

**MRS. TAYLOR**—Foliage scented; flowers scarlet.

**OAK LEAVED**—Leaves marked with black. Resembles the leaf of oak tree.

**VARIEGATED GERANIUMS**

**VARIEGATED**—Rose scented. Postpaid, 25c; by express, 20c.

**MOUNTAIN OF SNOW**—Silver variegated leaves. Flowers single; bright scarlet. Postpaid, 15c; by express, 10c.

**HAPPY THOUGHT**—Yellow blotches in center of leaf, edge green. Postpaid, 15c; by express, 10c.

**MAD. SALLEROI**—(Silver Variegated)—Very compact; fine for massing or bordering; 10 inches. Leaves very small, of a peculiar green, edged pure white. Postpaid, 15c; by express, 10c.

**MRS. POLLOCK**—(Golden Tricolor)—Bronze scarlet zone. Postpaid, 25c; by express, 20c.

**BRONZE**—Red zone on a fine yellow ground. Postpaid, 15c; by express, 10c.

**WILLIAM LANGGUTH**—(New Silver-Leaved)—Green foliage with white band. Flowers double, bright red. Postpaid, 25c; by express, 20c.

**IVY LEAVED GERANIUM**

Postpaid, 15c; by express, 10c, 15c, 25c.

**GALILEE**—Flowers very large and double, fine rose color.

**JOAN OF ARC**—The flowers are perfectly double and white.

**CHARLES TURNER**—Light scarlet with soft rosetint.

**NEW PELARGONIUM**

**EASTER GREETING**—Blooms all summer; bright amaranth red, each petal marked with a large black blotch. Postpaid, 35c; by express, 30c, 50c and \$1.00 each.

**PANSY GERANIUM**

A very beautiful and popular variety of Pelargonium with medium size flowers. Postpaid, 25c; by express, 20c, 35c and 50c each.

**GLADIOLUS**

Well known summer blooming bulbs

**EXTRA FINE**—Mixed varieties; light shades. Postpaid, 5c, 60c per dozen; by express, 5c, 50c per dozen.

**CHOICE MIXED**—A mixture of light and dark shades. Postpaid, 5c, 50c per dozen; by express, 5c, 40c per dozen.

**GLADIOLUS AMERICA**—Soft lavender pink. Postpaid, 10c, 85c per dozen; by express, 10c, 75c per dozen.

**MRS. FRANCIS KING**—Color light scarlet. Postpaid, 10c; 85c per dozen; by express, 10c each, 75c per dozen.

**AUGUSTA**—Pure white, blue anthers. Postpaid, 5c, 60c per dozen; by express, 5c, 50c per dozen.

### GLECHOMA HEDERACEA VAR

A variegated form of the common Ground Ivy, pure white and green, excellent for hanging baskets. Postpaid, 15c; by express, 10c and 25c.

### GLOXINIAS

A summer bulbous green-house plant. Trumpet-shaped flowers, in shades of blue, scarlet, rose, crimson, and white. Mixed colors. Dry bulbs, postpaid, 15c; started bulbs, by express, 25c each.

**GOLDEN BELLS** (See Forsythia in Hardy Plants)

**GOLDEN GLOW** (See Rudbeckia in Hardy Plants)

**GYNURA AURANTIACA** (Velvet Plant)

Leaves and stems entirely covered with purple hairs. Any change of position appears to alter the color of the foliage. Price, postpaid, 25c; by express, 20c.

### HELIOTROPE

Price, postpaid, 15c; by express, 10c, 15c, 25c and 50c each.

**CHIEFTAIN**—Rich violet. Best winter bloomer.

**MAD. BLONAY**—The best; nearly pure white; dwarf.

### HIBISCUS

**PEACHBLOW** (New)—Clear pink, with a small and deep crimson center. Postpaid, 20c; by express, 15c.

**COOPERII TRICOLOR**—A handsome foliage plant, white, pink, dark red and green mottled. Postpaid, 25c; by express, 20c.

**MINATUS SEMIPLenus**—Semi-double flowers of a brilliant vermillion scarlet. Postpaid, 20c; by express, 15c.

**HOLLYHOCKS** (See Hardy Plants)

**HONEYSUCKLE** (See Hardy Plants)

### HYDRANGEA

**OTASKA**—Large clusters of bluish-pink flowers. Postpaid, 25c; by express, 20c, 50c, \$1.00, and \$2.00 each.

**HARDY HYDRANGEA** (See Hardy Plants)

**IRIS** (See Hardy Plants)

### IMPATIENS

**SULTANA**—Bright, rosy scarlet, almost a perpetual bloomer. Each, postpaid, 15c; by express, 10c, 15c and 25c.

**IPOMIEA** (See Moonflower)

### IVY

**ENGLISH**—Postpaid, 15c; by express, 10c to 50c.

**ENGLISH IVY, Variegated**—A variegated variety of the well known English Ivy. Postpaid, 20c; by express, 15c to 25c each.

**GERMAN**—Foliage light green; rapid grower. Postpaid, 15c; by express, 10c and 25c.

### JASAMINE

**MAID OF ORLEANS**—Double, white, very fragrant. Each, postpaid, 30c; by express, 25c; large plants, 50c.

**NEW DWARF JUSTICIA**

Large pink flower heads. Postpaid, 25c; by express, 20c.

### LANTANA

**ORANGE, LAVENDER, YELLOW and WHITE**. Postpaid, 15c; by express, 10c each.

**WEEPING LANTANA**—Drooping habit, with flowers brilliant rosy-lilac color. Postpaid, 15c; by express, 10c.

**LARKSPUR** (See Delphinium in Hardy Plants)

**LEONOTUS** (Lion's Tail)

Brilliant scarlet flowers. Postpaid, 15c; by express, 10c.

### LEMON

**AMERICAN WONDER**—Waxy white, like a Tuberose, and as fragrant as orange blossoms, producing fruit 5 times as large as the ordinary lemon. Postpaid, 30c; by express, 25c, 50c and \$1.00 each.

**LEMON VERBENA** (See Aloysia)

**LILACS** (See Hardy Plants)

## LILIES

**AURATUM**—(Gold Banded)—Hardy. Postpaid, 30c; by express, 25c.  
**SPECIOSUM ALBUM PRAECOX**—Pure white lily, petals reflexed, hardy. Postpaid, 50c; by express, 45c.

**SPECIOSUM RUBRUM**, or **ROSEUM**—Red and white, the red varying from a delicate rose to a bright crimson; very fragrant. Postpaid, 30c; by express, 25c.

## LILY OF THE VALLEY (See Hardy Plants)

## CLIMBING LILY OF THE VALLEY

**(Withania Origianifolia)**—Also catalogued by some as "Salpiceroa." Grows 20 to 30 feet in height. White flowers similar to those of the Lily of the Valley. Postpaid, 20c; by express, 15c.

## LOBELIA

Flowers single, blue. Postpaid 15c; by express 10c; \$1.00 per doz.  
**DOUBLE LOBELIA**—Rich blue and very double. Postpaid 20; by express 15c.

## LOPESIA ROSEA

Fine for cut flowers. Postpaid 15c; by express 10c.

## MANETTA VINE (Bicolor)

Tubular flowers from 1 to 2 inches in length, flame color tipped with bright yellow. Postpaid 20c; by express 15c.

## MADERIA VINE

A favorite climbing plant. Tubers, each, postpaid 5c and 10c; by express 5c and 10c each; 50c and \$1.00 per dozen according to size.

## MARGUERITE DAISY

Postpaid 15c; by express 10c, 15c and 25c each.

**QUEEN ALEXANDRA**—New Giant Marguerite.

**WHITE**—Best white.

**MRS. F. SANDERS**—Double, semi-double and single flowers are often found on the same plant.

## MATRIMONY VINE—Chinese (See Hardy Plants)

## MULBERRY, Weeping (See Hardy Plants)

## MOONFLOWER (Ipomea)

**WHITE AND PURPLE**—Each, postpaid 20c; by express 15c.

## MINNEAPOLIS VINE

**PILOGYNE SAUVIS**—It is the quickest, densest, neatest climber we know of. Flowers small, white, and emit the much pleasing musk scent. Postpaid 20; by express 15c.

## OTAHEITE ORANGE (Dwarf Orange Tree)

Very fragrant, fruit small. Postpaid 30c; by express 25c; large plants \$1.00.

## OXALIS

Bulbous-rooted winter and spring flowering dwarf plants. White or pink. Postpaid 15c; by express 10c each; \$1.00 per dozen.

**ORTGIESI, or GOLDEN STAR**—Upper surface of foliage being dark olive-green, under side metallic crimson purple. Postpaid 25c; by express 20c.

## PAEONIES (See Hardy Plants)

## PALMS

**COCOS PALM**—The most elegant and graceful of all the smaller Palms. Plants 8 inches high, postpaid 60c; by express 50c each.

**LATINIA BARBONICA**—Plants 8 to 10 in. high, postpaid 60c; by express 50c. Large plants \$1.00 to \$5.00 each.

**KENTIA BELMOREANA**—The most popular parlor Palm we grow; 10 inches high, postpaid 60c; by express 50c. Large plants \$1.00 to \$5.00 each.

## PANSIES

Postpaid 10c each; by express 10c each; 75c per dozen.

## PERISTOPHE

**AUGUSTIFOLIA**—Dwarf; green, with yellow; variegated leaves; edging in ribbon beds. Postpaid 20c; by express 15c.

## PHILADELPHIUS or Mock Orange (See Hardy Plants)

## PHLOXES, Hardy (See Hardy Plants)

## PILEA (Artillery Plant)

Postpaid 15c; by express 10c and 25c.

## PLUM (Purple Leaved) (See Prunus, Hardy Plants)

## POINSETTIAS

**PULCHERIMA, or CHRISTMAS FLOWER**—Postpaid 30c; by express 25c and 50c.

**POPPIES**, Hardy (See Hardy Plants)

**PRUNUS (Purple Leaved Plum)** (See Hardy Plants)

## PURPLE FRINGE

(See *Rhus Cotinus* in Hardy Plants)

## PRIMULA

**CHINESE PRIMROSE**—Winter bloomer. **Single White or Pink**—Postpaid 20c; by express 15c and 25c each.

**FORBESI or BABY PRIMROSE**—Lavender rose. Postpaid 20; by express 15c, 25c and 50c each.

**RHUS COTINUS** (Purple Fringe or Smoke Tree)

(See Hardy Plants)

## RIVINIA HUMILIS

Snow-white flowers followed by scarlet berries; in bloom and fruit the entire year. 15c, 25c.

## ROSES

Prices on all varieties, unless otherwise noted, postpaid 15c; by express 10c each.

**AMERICAN BEAUTY**—A deep carmine. Postpaid 25c; by express 20c.

**BRIDESMAID**—Dark pink.

**GRUSS AN TEPLITZ**—The finest brilliant red, hardy, ever-blooming garden rose.

**KAISERINE AUGUSTA VICTORIA**—Large white.

**KILLARNEY**—Brilliant, sparkling pink.

**MY MARYLAND**—Bright salmon.

**WHITE KILLARNEY**—Very large, long pointed buds; fragrant.

**RICHMOND**—Scarlet-crimson.

**SUNBURST**—Best yellow.

**THE NEW ROSE—BABY RAMBLER, or the Everblooming Dwarf Crimson, Rambler Hardy.** The greatest bedding and forcing rose in existence. Perfectly hardy, about 24 inches high, most prolific and constant blooming rose known. Color, bright glowing scarlet. Postpaid 20c; by express 15c 25c and 50c. Extra large size, \$1.00 to \$2.00 each.

## WHITE BABY RAMBLER

**"SCHNEEWITTCHEN"**—Identical with the red Baby Rambler except in color, which is a pure white. Postpaid 25c; by express 20c.

## RAMBLER, or CLIMBING ROSES, Hardy

All varieties postpaid, each 20c; by express 15c. Two-year, postpaid 60c; by express 50c.

**DOOTHY PERKINS**—Shell pink, very double and produced in clusters.

**CRIMSON RAMBLER**—Immense clusters of bright crimson flowers.

**RAIRIE QUEEN**—Dark pink.

**CLIMBING AMERICAN BEAUTY**—Same color, size and fragrance as American Beauty with the addition of the climbing habit. It is claimed that one plant of this new rose will produce twenty times as many flowers as the American Beauty. Small plants, postpaid 35c; by express 25c. 2-year-old pospaid, \$1.00; by express 75c each.

## RUGOSA ROSES

The most hardy of all roses with dark, rich leathery foliage, producing large fragrant single and semi-double flowers in profusion throughout the summer, followed by orange-red and scarlet hips or seedpods. Pure white and red. Each, postpaid 60c; by express 50c.

## HYBRID, PERPETUAL, or REMONTANT ROSES

Very hardy but need protection during the severest weather; fine collection of best varieties; price large 2-year-old plants, postpaid 60c; by express 50c each; \$5.00 per dozen.

**ANNA DE DEESBACH**—Bright rose.

**BARONESS ROTHSCHILD**—Pink.

**FISHER HOLMES**—Deep crimson.

**FRAU KARL DRUSCHKI**—White, also called the White American Beauty.

**GEN. WASHINGTON**—Bright crimson.

**MD. PLANTIER**—Pure white.

**MAGNA CHARTA**—Deep pink.

**MARSHALL P. WILDER**—Bright carmine red.

**MRS. JOHN LANG**—Bright pink.

**PAUL NEYRON**—Deep rose.

**ULRICH BRUNNER**—Cherry crimson.

**PERSIAN YELLOW**—Deep golden yellow.

## HYBRID TEA, or EVERBLOOMING ROSES

Hardy with good protection and are continuous bloomers. Price all varieties postpaid 2-year-old dormant plants 60c; by express 50c each; \$5.00 per dozen.

**AMERICAN BEAUTY**—Rosy carmine.

**CLOTHIDE SUPERT**—White shading to rose pink.

**HERMOSA**—Bright pink.  
**GRUSS AN TEPLITZ**—Brilliant red.  
**LA FRANCE**—Bright satin pink.  
**KILLARNEY**—Pink.  
**WHITE KILLARNEY**—White.  
**KAI SERINE AUG. VICTORIA**—White.  
**RICHMOND**—Red.

### RUSSELIA

**ELEGANTISSIMA**—For hanging baskets, vases or window boxes. Coral-red. Each, postpaid 20c; by express 15c.

### RUDEBECKIA (Golden Glow) (See Hardy Plants)

### SELAGINELLA

A beautiful low-growing moss-like plant. Fine for ferneries or planting in moist places. Each, postpaid 35c; by express 25c and 50c.

**AMELIA**—New. Stiff, erect fronds 6 to 8 inches high; bronze green. Postpaid 35c; by express 25c and 50c.

### SHASTA DAISY (See Hardy Plants)

### SMILAX

Beautiful climbing plant with small almost round glossy green leaves. Postpaid 15c; by express 10c.

### SNOWBALL (See Viburnum in Hardy Plants)

### SALVIAS

Price, all varieties, postpaid 15c; by express 10c, 15c and 20c each.

**MRS. C. N. PAGE**—Dwarf. Bright scarlet. Begins blooming in July.

**NEW SALVIA ST. LOUIS**—Grows 2½ feet high, scarlet flower spikes, 12 to 16 inches in length.

### SANSEVIERA ZEYLANICA

Long, thick, fleshy, lance-shaped leaves, with very dark green foliage, marked crosswise with bars of white. Postpaid 35c; by express 25c, 50c and \$1.00.

### SANTOLINA

Foliage finely cut and of silver gray color; valuable for edgings and ribbon beds. Each postpaid 15c; by express 10c; per doz. 75c.

### SAXIFRAGA SARMENTOSA

Generally known as Strawberry Geranium. Fine basket plant. Postpaid 20c; by express 15c and 25c.

### SMOKE TREE (See Rhus Cotinus in Hardy Plants)

### SPIREA (See Hardy Plants)

### STREPTOSOLEN

**JAMESONI**—Bright orange passing to a rich, deep cinnabar red. Postpaid 20c; by express 15c and 25c.

### STROBILANTHES

It surpasses the Coleus, in exquisite colorings of the leaves. Postpaid 20c; by express 15c and 25c.

### SYMPHORICARPUS, or Waxberry (See Hardy Plants)

### TRADESCANTIA, or Wandering Jew

Postpaid 25c; by express 10c.

### TUBEROSE

**DOUBLE PEARL**—Postpaid 10c; by express 5c; 60c per dozen.

### UMBRELLA PLANT (See Cyperus)

### VIBURNUM (Snowball) (See Hardy Plants)

### VELVET PLANT (See Gynura Aurantiaca)

### VERBENA

**MIXED**—Mammoth. Postpaid 15c each; by express 10c; 75c per doz.

### VIOLETS

**Single Sweet-scented**—Postpaid 15c; by express 10c each.

### VINCA

**RUNNING or GRAVE MYRTLE**—Small, dark, glossy green leaves; flowers purple; hardy. Postpaid 15c and 25c each; by express 10c and 20c each.

**MAJOR VARIEGATA**—Variegated trailing plant, baskets and porch boxes; glossy green, broadly margined with creamy white; flowers blue. Postpaid 15c; by express 10c to 50c each.

### WANDERING JEW (See Tradescantia)

### WAXBERRY, or Winterberry (See Symphoricarpu in Hardy Plants)

### WEIGELIA and WISTERIAS (See Hardy Plants)

# HARDY PLANTS AND SHRUBS

## ACHILLEA. Milfoil or Yarrow

**THE PEARL**—One of the very best white flowered plants for the border. Postpaid 20c; by express 15c.

## ALMONDS

**ALMONDS, Flowering**—Double White and Double Rose. Each, postpaid 60c; by express 50c.

## AMPELOPSIS

**VEITCHII**—(Boston Ivy)—Very attractive vine clinging to rock or wood. Postpaid 20c, 35c, 60c; by express 15c, 25c, 50c.

## AQUILEGIA

**OR COLUMBINE**—Postpaid 20c each; by express 15c; \$1.50 per dozen. Extra large size 25c and 50c.

## BIGNONIA

**RADICANS**—(Trumpet Creeper)—Clusters of large, trumpet-shaped crimson orange flowers. Each, postpaid 60c; by exp. 50c.

## BARBERRY

**BERBERIS THUNBERGII** (Japanese Barberry)—One of the most beautiful shrubs in cultivation, either for hedging or general purposes. Foliage turns a brilliant crimson in the fall. Fruit bright scarlet.

	By express,	Each	Doz.	100
2-year size, 1 to 1 1/2 feet.....		15c	\$1.50	\$12.00
3-year size, 2 feet.....		30c	\$2.50	\$20.00
4-year size, 2 1/2 feet.....		50c	\$4.00	\$30.00

Specimen plants, each 75c, \$1.00 and \$1.50 each.

**BLANKET FLOWER** (See Gaillardia); **BLEEDING HEART** (See Dielytra); **BRIDAL WREATH** (See Spirea); **CHINESE MATRIMONY VINE** (See Matrimony).

## CLEMATIS

**JACKMANI**—Intense violet purple. Postpaid \$1.00; by express 75c.

**HENRYI** (Bangholm Belle)—Large pure white. Very hardy. Postpaid \$1.00; by express 75c.

**CLEMATIS PANTICULATA**—The best of all hardy climbers. Sweet scented. Postpaid, 1 yr. 30c, 2 yr. 60c, 3 yr. \$1.00 each; by express 1 yr. 25c, 2 yr. 50c, 3 yr. 75c each.

**COLUMBINE** (See Aquilegia)

## COREOPSIS

**LANCEOLATA GRANDIFLORA**—A mass of golden yellow from June to October. 2 feet high. Postpaid 20c; by express 15c each; \$1.50 per doz.

## CORNUS (Dogwood)

**SIBERIA** (Red Siberian Dogwood)—(B.) Red bark in winter. By express 25c and 50c and \$1.00 each.

## CRAB

**BECHTEL'S DOUBLE FLOWERING**—The most beautiful of all the flowering Crabs. Double, fragrant flowers of a delicate pink color. By express \$1.25.

**DAISY, Hardy** (See Shasta Daisy)

## DELPHINIUMS (Hardy Larkspur)

**FINE BLUE**—Postpaid 20c each; by express 15c each; \$1.50 per dozen.

## DIELYTRA, or BLEEDING HEART

Heart-shaped, pink and white flowers. Postpaid 50c; by express 35c.

## DIGITALIS (Foxglove)

Old-fashioned summer-flowering perennial. Postpaid 20c; by express 15c each; \$1.50 per dozen.

**DOGWOOD** (See Cornus)

## FORSYTHIA

**(GOLDEN BELL)**—Flowers drooping, golden yellow. By express 25c and 50c each.

## FUNKIA JAPONICA

**(DAY LILY)**—Pure white fragrant flowers. Postpaid 50c; by express 40c.

**BLUE DAY LILY**—Hardy. Postpaid 30c; by express 25c.

## GAILLARDIA

**GRANDIFLORA**—Center dark reddish brown, petals vary from scarlet-orange to crimson. 2 feet. Postpaid 20c; by express 15c; doz. \$1.50.

## HOLLYHOCKS

Postpaid 25c; by exp. 15c; doz. \$1.50.

## HONEYSUCKLE

**SCARLET MONTHLY TRUMPET**—Bright trumpet-shaped flowers. Postpaid 35c, large size 60c; by express 25c; large size 50c.

**HALLIANA**—Pure white, changing to yellow; very fragrant. Postpaid 35c; large size 60c; by express 25c, large size 50c.

## BUSH HONEYSUCKLE

**(LONICERA TARTARIA)**—With beautiful flowers and bright-colored fruit. Two colors, White or Pink. Strong bushes, 2 to 3 feet, by express each 50c.

## HYDRANGEA

**PANICULATA GRANDIFLORA**—Hardy. Flowers in large clusters, white changing to rose. Each, postpaid, 60c; by express, 50c and \$1.00. Tree form, by express, \$1.00 each.

## NEW HYDRANGEA ARBORESCENS GRANDIFLORA, FORMA NOVA

**(SNOWBALL HYDRANGEA)**—White, extra fine. By express 50c and \$1.00 each.

## IRIS

**JAPANESE IRIS**—Mixed varieties, postpaid 35c; by express 25c; 12 for \$2.00.

**GERMAN IRIS**—Mixed varieties. Postpaid, each 15c; by express 10c each; 12 for \$1.00.

**German Iris, Separate Colors**, postpaid 20c; by express 15c each; \$1.50 per dozen.

**LARKSPUR** (See Delphinium)

## LILACS

White and lilac. Small size, postpaid 50c; by express 25c. Large size, 50c to \$5.00.

## MATRIMONY VINE (Lycium Chinese)

Bright purple flowers, succeeded by brilliant scarlet berries nearly an inch long. Postpaid 35c; by express 25c; large size 50c.

## MULBERRY

**TEAS' WEEPING**—The most beautiful weeping tree of recent introduction. Trees 4 to 6 feet, with 3-year-old heads, by express each \$2.50.

## PAEONIES

Double large flowering in red, white and pink, fine two eye roots. Each, postpaid 50c; by express 35c; 3 for \$1.00.

**FIFTY NAMED VARIETIES**—A fine collection of the best varieties, postpaid 50c to \$1.25 each; by express 75c to \$1.00 each.

## PHILADELPHUS

**CORONARIUS, or MOCK ORANGE**—Sweet-scented, pure white flowers. By express 50c; \$1.00, \$2.00 each; extra large \$5.00.

## PHLOXES

**HARDY, or PERENNIAL**—In variety, 1 yr. plants postpaid 30c; by express 25c each; \$2.50 per dozen.

## POPPIES

**HARDY (Papaver Orientale)**—Postpaid 20c each; by express 15c each; \$1.50 per dozen.

## PRUNUS

**PISSARDI**—(Purple leaved Plum). Leaves when young are lustrous crimson, changing to a dark purple. By express 50c each.

## PRIVET (Amurensis)

Extensively used for hedges. Leaves dark green. Large size, 2 to 3 feet, for immediate effect, by express, large size, 50c each; \$5.00 per doz.

## RHUS COTINUS

**(PURPLE FRINGE, or SMOKE TREE)**—3 ft., by express 50c.

## RIBES, or FLOWERING Currant

**ALPINUM. (B.)**—Fragrant golden-yellow flowers and deep scarlet fruit. By express 50c and \$1.00.

**AUREUM. (B.)**—Yellow Flowering, or Missouri Currant.) 3 to 4 feet. By express 50c and \$1.00.

**ROSES, Hardy** (See Roses)

## RUDBECKIA

**GOLDEN GLOW**—Double golden-yellow. Each, postpaid 25c; by express 15c.

## SHASTA DAISY

**BURBANKS**—Very large, purest white. Postpaid 20c; by express each 15c; 12 for \$1.50.

## SPIREA

**NEW HARDY SPIREA, Van Houttei**, also called Bridal Wreath. Pure snow-white flowers, borne in clusters all over the plant. Postpaid 50c; by express 25c, 50c, \$1.00 and \$3.00.

**ANTHONY WATERER (B.)**—Perpetual-blooming variety for the lawn with rose red flowers. 1 ft., postpaid, 60c; by express 50c.

## SYMPHORICARPUS

**(ST. PETER'S WORT, or WAXBERRY)**—Covered with white berries in fall and winter. By exp. 50c each.

**VULGARIS. (B.)**—(Indian Currant.) Fruit purple, hangs all winter. By express 50c.

**TRUMPET CREEPER** (See Bigonia)

## VIBURNUM STERILIS

Old-Fashioned Snow-Ball. By express 50c and \$1.00 each; extra large \$5.00.

**WAXBERRY** (See *Symporicarpus*)

## WEIGELIAS

White, Pink and Red, by express 50c each.

**SIEBOLDI VARIEGATA**—Green margined with creamy white; flowers clear rose. By express 75c each.

**WINTERBERRY** (See *Symporicarpus*)

## WISTARIAS

**MAGNIFICA**—Purple-lilac flowers. Postpaid 35c; by express 25c each. Large plants 50c each.

# SMALL FRUITS

SHOULD BE SENT BY EXPRESS

## BLACKBERRIES

**SNYDER**—The old reliable. Postpaid 10c each; by express 60c per doz.; \$3.00 per 100.

## CURRANTS

**FAY'S NEW PROLIFIC**—The best large Red Currant. 2-year-old, each postpaid 35c; by express 25c; doz. \$2.50.

**CHERRY**—Most popular sort. 2-year-old, each postpaid 30c; by express 20c; dozen \$2.00.

**WHITE DUTCH**—Similar to Red Dutch, except in color. 2-year-old, each postpaid 30c; by express 20c; dozen \$2.00.

## GOOSEBERRIES

**DOWNING**—Largest of our native gooseberries; 2-year-old, postpaid 35c each; by express 25c each; doz., \$2.50; 100, \$15.00.

## GRAPES

**CONCORD**—Best general crop grape; 2-year-old, each postpaid 25c; by express 20c; dozen \$1.75.

**MOORE'S EARLY**—Very early. 2-year-old, each postpaid 25c; by express 20c; dozen \$2.00.

## RASPBERRIES

**IMPROVED ALTON**—Large dark red of superb quality and unsurpassed flavor. 25c each postpaid; by express 20c each; \$2.00 per doz.; \$15.00 per 100.

**CUMBERLAND**—Coal black, extra large. Postpaid 10c each; by express 10c; 75c per doz.; \$5.00 per 100.

**CUTHBERT**—Large bright red. Postpaid 10c each; by express 10c; 50c per dozen; \$2.00 per 100.

**GREGG**—Large black cap. Postpaid 10c each; by express 10c; 50c per dozen; \$2.00 per 100.

## STRAWBERRIES

**SENATOR DUNLAP**—Considered the best and most satisfactory of the standard varieties. Price, postpaid 35c per dozen; by express 25c per dozen; \$1.00 per 100; \$5.00 per 1,000.

**PROGRESSIVE EVERBEARING**—By far the best of the Everbearing Strawberries and is the best and most productive of all varieties for the home garden, producing fruit in abundance the entire summer. Flavor unsurpassed. Reduced prices for 1917, dozen 40c; 25 for 65c; 50 for \$1.10; 100 for \$2.00; postpaid by express 35c per doz.; 25 for 60c; 50 for \$1.00; 100 for \$1.75.

# FARM SEEDS

Bags extra, 25c each, unless otherwise noted. Write for special prices on large quantities. All farm seeds go by express or freight at your expense unless otherwise noted.

## BIRD SEED

**MIXED BIRD SEED**—Per lb. 35c, postpaid; by express lb. 25c.

**MILLETT and HEMP**—Each, per lb., 20c, postpaid; 15c per lb., by express.

**CANARY and RAPE**—Postpaid 35c lb.; by express 25c lb.

**MAMMOTH RUSSIAN SUNFLOWER**—Pkt. 5c; lb. 25c, postpaid.

## BUCKWHEAT

**NEW JAPANESE**—Price, postpaid, lb. 25c; by express, 10 lbs. or more, 10c per lb.; 25 lbs. or more 8c per lb.; 50 lbs. or more, 7c per lb.; bags extra 25c.

## SUDAN GRASS

Sow 4 to 6 pounds per acre in rows 18 to 24 inches apart and cultivate. Pkt. 10c;  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 50c; postpaid; by express 45c per lb.; 10 lbs. or more 40c lb.

## EARLY AMBER CANE

Extra select seed, Linn county grown, per lb. 25c; 3 lbs. 60c postpaid. By freight, 10 lbs. or more, 15c per lb.; 25 lbs. or more, 10c per lb.; 50 lbs. or more 7c per lb.

Price of southern grown seed, lb. 20c; 3 lbs. for 50c, postpaid; by freight or express, lb. 15c; 10 lbs. or more 10c per lb.; 25 lbs. or more at 8c per lb.; 50 lbs. or more at 6c per lb.

## KAFFIR CORN

One of the best forage plants. Sow in rows 3 feet apart, 3 to 5 pounds of seed to the acre. Postpaid, pkt. 5c; lb. 20c; 3 lbs. 50c; by express, 10 lbs. 75c; 100 \$6.00.

## COW PEAS

A highly fertilizing and valuable fodder. Plant in thoroughly pulverized soil. Do not sow until the soil has become thoroughly warm. Postpaid, pkt. 10c; lb. 25c. By express, lb. 15c; 10 lbs. or more 12c per lb.; 25 lbs. or more, 8c per lb.

## CANADA FIELD PEAS

Excellent for feeding stock. Sow broadcast 120 lbs. per acre or with oats 60 lbs. Postpaid, lb. 25c; by express lb. 15c; 10 lbs. or more 12c per lb. 25 lbs. or more 10c per lb. Write for prices on larger lots. Bags extra, 25c each.

## SOJA BEAN, or SOY BEANS

One of the most nutritious of all vegetable products, and nearly equal to clover for fertilizing. The best of all substitutes for coffee yet found. Sow 30 lbs. per acre broadcast or 8 lbs. per acre in drills 3 1/2 feet apart and 1 1/2 feet between the plants, dropping 2 or 3 in a hill. Postpaid, pkt. 10c; 1/2 lb. 20c; lb. 30c; 10 lbs. or more, 10c lb.

## DWARF ESSEX RAPE

Sown broadcast use 5 lbs. and if in drills, 2 lbs. to the acre. True Dwarf Essex Rape, pkt. 10c; 1/4 lb. 15c; lb. 30c, postpaid. By freight or express, lb. 20c, 10 lbs. or more 15c per lb. Bags extra, 25c each.

## SEED POTATOES

Price all varieties, postpaid lb. 20c; by express lb. 10c; 30 lbs., or more 9c per lb.

**CARMAN NO. 3**—White late variety, large size.

**IMPROVED EARLY OHIO**—The best and most popular of all early potatoes.

**RURAL NEW YORKER NO. 2**—White skin and flesh.

**IRISH COBBLER**—A chunky large white netted early potato.

**WHITE OHIO**—Same as Improved Early Ohio except color.

## SEED FIELD CORN

**REID'S YELLOW DENT**—Of this standard variety we have a fine stock of selected ears, crop 1916. Price not shelled, single ear, postpaid, 10c; by express, 10c per lb.; 25 lbs. or more 7c per lb.

## GRASS AND CLOVER SEED

Ask for prices in larger quantities

**KRAMER'S LAWN GRASS MIXTURE**—(One pound for 300 to 400 square feet of lawn). Finest quality. Postpaid per lb. 45c; by express lb. 40c; 10 lbs. or more 35c per lb.

**BLUE GRASS**—Best quality. Postpaid per lb. 35c; by express lb. 30c, 10 lbs. or more 25c per lb.

**WHITE CLOVER**—Best quality postpaid lb. 65c; by express 60c.

**BROMUS INERMUS (Brome Grass)**—Very productive even on poor soil and of good quality. Should be sown early in the spring using 20 to 25 lbs. per acre if sown alone, or if with alfalfa use 12 lbs., with 8 lbs. alfalfa. Per lb. 30c; 3 lbs. 75c, postpaid; by express 20c per lb.

**RED TOP**—Fancy clean seed. Postpaid lb. 40c; by express lb. 35c.

**ORCHARD GRASS**—Postpaid 35c; by express lb. 30c.

**TIMOTHY or HERD'S GRASS**—Postpaid lb. 25c; by express lb. 20c.

**MILLET, GERMAN OR GOLDEN**—Postpaid lb. 25c; by express lb. 10c.

**MEDIUM RED CLOVER**—Postpaid lb. 35c; by express lb. 30c.

**WHITE DUTCH CLOVER**—Postpaid 65c; by express lb. 60c.

**MAMMOTH CLOVER**—Postpaid lb. 35c; by express lb. 30c.

**ALFALFA, or LUCERNE**—Postpaid 35c; by express lb. 30c.

**ALSIKE, or SWEDISH**—Postpaid 35c; by express lb. 30c.

## MISCELLANEOUS

### BASKETS

**CUT FLOWER BASKETS**—10c to \$15.00 each.

**WIRE HANGING BASKETS**—8 in. 15c; 10 in. 25c; 12 in. 35c; 14 in. 45c; 16 in. 60c; 18 in. 75c; 20 in. \$1.00.

**Moss** for lining baskets 60c per lb.

## BIRDS AND SUPPLIES

### BIRD CAGES

**Enamelled**, \$1.00 to \$3.00 each.

**Brass**, \$2.00 to \$10.00 each.

**Breeding Cages**, combinations, wood and wire, \$3.50 each.

**Breeding Cages**, all metal enamelled, \$4.50 to \$8.00 each.

### BIRD REMEDIES

**Bird Manna**, 15c, postpaid 20c.

**Golden Tonic**, by express only, 25c.

**Golden Song Restorer**, by express only 25c.

### BIRD BOOKS

**Canaries: Breeding and Training**, 25c, postpaid 30c.

**Feathered Pets**, 25c, postpaid 30c.

**Parrots and other Talking Birds**, 25c, postpaid 30c.

**BIRD GRAVEL**—Per package 10c, postpaid 20c.

**BIRD SEED**—

**Bird Rape and Canary**, each separate or mixed, lb. 25c, postpaid 35c.

**Hemp**, lb. 15c, postpaid 20c.

**Sunflower Seed**, lb. 15c, postpaid 20c.

**CANARY BIRDS**—Very scarce, write for prices.

**CUTTLE BONE**—10c post paid.

**FEED AND WATER CUPS**—Crystal or opal 10c, postpaid 15c.

**PARROTS**—Write for prices.

**SPRING AND CHAIN**—15c, postpaid 20c.

## BROODERS (See Poultry Supplies)

## CHICKENS (See Poultry)

## DANDELION KILLER

**KNOXWEED**—By express only, 50c.

## DUSTER

**LOWELL'S**—For dusting, dry powder, \$1.00; postpaid \$1.25.

**TIN PERFORATED DUSTER**—2 sizes, 50c and 75c each; postpaid 60c and 90c each.

## FERTILIZERS

### EGGS (See Poultry)

**BONE MEAL**—Analysis Ammonia, 3 or 4 per cent; Bone Phosphate 45 to 55 per cent. Per lb. postpaid 20c; by express 10c; 5 lbs. 40c; 25 lbs. \$1.25, 100 lbs. \$3.00.

**BOWKER'S PLANT FOOD**—A first-class plant food. Small size package 15c; by mail 25c; large size package 25c; by mail 40c.

**WALKER'S EXCELSIOR PLANT FOOD**—Large box containing sufficient for 25 plants one year 30c, or postpaid 40c; small package 20c, postpaid 30c.

**EVERGREEN**—Small tins 25c; post paid 30c; 12 lb. cans by express \$2.00.

**LAWN FERTILIZER**—An excellent fertilizer for either lawn or garden, applied either in the spring, summer or fall, at the rate of one pound to forty square feet. Price per lb. postpaid 15c; by express 10c; 5 lbs. 40c; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50.

**NITRATE OF SODA**—Should be sown broadcast, and it is very important to sow it evenly. Two or three pounds on a square rod will be beneficial. Price per lb. postpaid 25c; by express 15c; 5 lbs. 60c; 10 lbs. 90c; 25 lbs. \$2.00.

**PLANT FOOD TABLETS**—25c; postpaid 30c.

**SWIFT'S PLANT FOOD**—5 lb. packages 50c; postpaid 75c.

**SHEEP MANURE**—Pulverized—Fine for lawn or garden. 5 lbs. 40c; 10 lbs. 60c; 25 lbs. \$1.25; 50 lbs. \$1.75; 100 lbs., \$2.75.

## FERN DISHES

**MANY STYLES**—50c to \$2.00 each.

## FLOWER TUBS (See Plant Tubs)

## FLOWER BOXES (See Porch Boxes)

## GARDEN TOOLS

**DIBBER**—Each 30c; postpaid 40c.

**PLANET JR.** Drills and Cultivators. Send for complete catalogue.

**STANDARD** Garden Tools. Send for catalogue.

**TROWELL**—Solid Steel, 50c; postpaid, 60c.

**WEEDERS**—Excelsior, Hazeltine's, Lang's, and Noyes' hand weeders, each 25c; postpaid 30c.

## GOLD FISH AND SUPPLIES

**AQUARIUMS**—Iron frame, \$4.00 to \$12.00 each.

**AQUARIUM BOOK**—How to breed and care for Goldfish, 15c.

**BUCKETS** for shipping Goldfish, 15c.

**CASTLES**—15c to \$2.00 each; postpaid, 20c to \$2.50 each.

**FLOATING ORNAMENTS**—10c and 15c each.

**FISH GLOBES**—By express only, qt. 25c; 2 qt. 40c; 3 qt. 50c; 4 qt. 60c; 6 qt. 75c; 8 qt. \$1.00; 12 qt. \$1.25; 16 qt. \$1.75; 24 qt. \$3.00.

**FISH FOOD**—Either wafers or natural, 10c; postpaid 12c.

**FISH MOSS**—Cabomba or Aquarium Moss, 8 stems, postpaid, 25c.

**GOLD FISH**—By express only. Common, according to size and markings, 10c to \$1.00 each. Fan tail, according to size and markings, 50c to \$2.00. Telescopc, according to size and markings, \$1.00 to \$3.00.

**PEBBLES**—Per box, postpaid, 20c.

**SHells**—Small box 10c; postpaid 15c. Larger size, 15c; postpaid 20c.

## GRAFTING WAX

1/4 lb. 20c; 1/2 lb. 30c; lb. 50c postpaid; by express, 1/4 lb. 15c; 1/2 lb. 25c; lb. 45c.

## INSECT DESTROYERS

### LIQUID INSECTICIDES CANNOT BE SENT BY MAIL

**ARSENATE OF LEAD**—The best of all arsenical insecticides; does not burn the foliage and is sure death to all leaf-eating insects. Lb. 35c; 5 lbs. \$1.25, by express only.

**BLACK LEAF 40**—A solution of Nicotine Sulphate for killing green lice and other sucking insects. 1 oz. bottle 25c, by express only.

**BORDEAUX MIXTURE**—(Liquid)—For all fungous diseases. By adding water it is ready for use. 1 qt. 50c; 1 gallon \$1.25, by express only.

**BUG DEATH**—1 lb. package 25c, postpaid 35c; 3 lbs. 50c, postpaid 65c.

**FIR TREE OIL SOAP**—For thrip, red spider, black and green fly, mealy bug, worms and slugs. Per 1/2 lb. tin 25c; by mail 35c.

**HAMMOND'S SLUG SHOT**—Destroys bugs on potato, tomato, and egg

plants, cabbage lice and worms, flea beetles and striped bugs on melons, squash, turnips, onions, etc.; canker worms on fruit and ornamental trees. Death to the rose bug and cut worm. Apply with duster or bellows. Price lb. postpaid 20c; by express lb. 15c; 5 lbs. 50c; 100 lbs. or more at 7c per lb.

**HORCUM SULPHUR, LIME, SALT, ETC.**—A fungicide as well as an insecticide. By express only, qt. 50c.

**LIME SULPHUR SOLUTION**—Qt. 40c; gal. \$1.00; 5 gal. \$4.00.

**PARIS GREEN**—For potato bugs and other eating insects.  $\frac{1}{4}$  lb. 25c;  $\frac{1}{2}$  lb. 45c; 1 lb. 75c, by express only.

**TOBACCO SOAP**—For washing and syringing plants, trees, etc.; a valuable preparation. Per box 20c; by mail 25c.

**WHALE OIL OR FISH OIL SOAP**—One of the most effective and cheapest remedies. Per lb. postpaid 45c; by express 35c.

## JARDINIERES

MANY STYLES and sizes, 25c to \$5.00 each.

## PORCH BOXES

Made of cypress and painted green. 2 ft. \$1.50;  $2\frac{1}{2}$  ft. \$1.75; 3 ft. \$2.00.

## SELF WATERING BOXES

Made of galvanized iron. No. 1, 23 inches long, \$1.60; No. 2, 25 in., \$1.70; No. 3, 27 in., \$1.80; No. 4, 29 in., \$1.90; No. 5, 31 in., \$2.00; No. 6, 33 in., \$2.10; No. 7, 35 in., \$2.20; No. 8, 37 in., \$2.30; No. 9, 39 in., \$2.40; No. 10, 41 in., \$2.50.

## PLANT STANDS

Wire, half round, with arch, \$5.50; larger size, \$7.00. Straight shelves, \$4.50; larger size, \$7.00.

## PLANT TUBS

Made of cypress and painted green. No. 1,  $11\frac{1}{2}$  inches in diameter, \$1.00; No. 2,  $13\frac{1}{2}$  in., \$1.25; No. 3, 14 in., \$1.65; No. 4, 16 in., \$2.00; No. 5, 19 in., \$3.00; No. 6, 22 in., \$3.75.

## POTS

2 in., each, 2c; doz., 15c; 100, \$1.00.  $2\frac{1}{2}$  in., each, 2c; doz., 20c; 100, \$1.50. 3 in., each, 3c; doz., 25c; 100, \$2.00. 4 in., each, 4c; doz., 40c; 100, \$3.00. 5 in., each, 6c; doz., 65c; 100, \$4.50. 6 in., each, 8c; doz., 85c; 100, \$6.00. 7 in., each, 12c; doz., \$1.25; 100, \$10.00. 8 in., each, 18c; doz., \$2.00. 9 in., 25c; doz., \$2.75. 10 in., each, 40c; doz., \$4.00. 12 in., each, 50c; doz., \$6.00. 14 in., each, \$1.50. 16 in., each, \$2.00.

## POT HANGER, KRAMER'S

For converting a common flower pot into a hanging basket. 15c; postpaid, 20c.

## POULTRY

**WHITE ROCKS** and Barron Strain of Single Comb White Leghorns. Stock in season. Eggs either variety, utility stock, \$1.50 per setting of 15 eggs.

## POULTRY SUPPLIES

### BABY CHICK FOOD

Lee's—2 sizes, 25c and 50c each; postpaid, 35c and 65c each.

### BONE CUTTERS

Ask for prices.

**CAPONIZING SET**—Automatic Safety, No. 10, \$3.50, postpaid \$3.65.

**CHARCOAL**—Medicated, for baby chicks, 5 lb. package 50c; postpaid 65c.

**CHICK BOXES** for shipping baby chicks—25 chick size 20c, postpaid 25c;

50 chicks 25c, postpaid 35c; 100 chicks 40c, postpaid 55c.

### COOPS

**Shipping Coops**—Andrews, by express only—singles 60c each, doz. \$6.00; doubles for 2 to 4 fowls 80c each, dozen \$8.00.

**DISINFECTANT**—Zenoleum—By express only, 8 oz. 25c; pt. 50c; qt. 90c; gal. \$1.50.

### DRINKING FOUNTAINS

**Baby Chick Fountain**, bottom fill, qt. 25c, postpaid 35c; 2 qt. 35c, postpaid 45c; gal. 50c, postpaid 65c.

**Drop Bottom**, 2 qt. 50c, postpaid 65c; gal. 75c, postpaid 95c; 2 gal. \$1.00, postpaid \$1.30.

**N. W. Fountain and Feeder** for water or feed for baby chicks, made to fit any Mason jar. 15c each, postpaid 20c, jar not included.

Queen headed fountain, \$2.75 by express only.

**Top Fill Mugs**, gal. \$1.00, postpaid \$1.15; 2 gal. \$1.50, postpaid \$1.70.

### DRY MASH HOPPERS

—See Feed Hoppers.

### EGG CARRIERS

Regal, 15 egg size 15c, postpaid 20c, dozen by express \$1.50; 30 egg size 25c, postpaid 30c, dozen by express \$2.50.

**Erie Egg Box**, 15 egg size 15c, postpaid 25c, dozen by express \$1.80; 30 egg size 25c, postpaid 30c, dozen by express \$2.70.

**EGG MAKER**—Lee's, Pratt's, Rust's, and Wolf's—first size package 25c, postpaid 35c; second size 50c, postpaid 65c.

**EGG-O-HATCH**—Applied to eggs to soften shell during incubation, 50c, postpaid 60c.

**EGG-O-LATUM**—For preserving eggs; will keep them fresh for one year stored in an ordinary egg case, 50c, postpaid 60c.

### FEED HOPPERS

**Automatic Chick Feeder**, a necessity where chicks and fowls run together, \$4.00.

**Chanticleer Exerciser**, No. 1, 12 qt., \$3.00; No. 2, 24 qt., \$3.75, by exp.

**Economy Exerciser**, No. 1,  $\frac{1}{2}$  bu., \$2.50; No. 2, 1 bu., \$3.00.

**Grit and Shell Boxes**, 1, 2 and 3 compartments, 50c, postpaid 65c; 4 compartments, 75c, postpaid \$1.00.

**No Waste** Dry Mash Hoppers, No. 1,  $\frac{1}{4}$  bu., \$1.00, postpaid \$1.25;

No. 2,  $\frac{1}{2}$  bu., \$1.50, postpaid \$1.85.

**GAS BURNERS**—Can be used on any incubator, \$1.50, postpaid \$1.75.

**HYGROMETERS**, for determining amount of moisture in incubator, \$2.00, postpaid \$2.10.

**LEG BANDS—**

**Celluloid Ring Bands**, poultry sizes, postpaid, 12 for 15c; 25 for 30c; 50 for 50c; 100 for 75c. Pigeon and baby chick size, 12 for 12c; 25 for 20c; 50 for 35c; 100 for 50c.

**Champion**, adjustable, postpaid, 12 for 15c; 25 for 25c; 50 for 40c; 100 for 75c.

**Smith's Seal**, postpaid, 12 for 30c; 25 for 50c; 50 for 90c; 100 for \$1.50. Seader, postpaid, 40c.

**The Victor Band**. In colors, large black figures on celluloid and aluminum, adjustable, postpaid, 12 for 35c; 25 for 65c; 50 for \$1.25; 100 for \$2.25.

**LICE KILLERS—**

**Head Lice Ointment**, 25c, postpaid 30c.

**Hilcrest Louse Exterminator**, 50c, postpaid 55c.

**Licine**, 50c, postpaid 55c.

**Licecil Evapcrating**, by express, 50c.

**Liquid**—Lee's, Rust's and Talbot's, by express, qt. 35c;  $\frac{1}{2}$  gal. 60c; gal. \$1.00.

**Powder**—Lee's, Pratt's, Wolf's, Rust's, Zenoleum, each 25c, postpaid 35c.

**Wolf's Evaporating Lice Killer**, by express, qt. 50c;  $\frac{1}{2}$  gal. \$1.00.

**Zencleum**, by express, 8 oz. cans 25c; qt. 50c;  $\frac{1}{2}$  gal. 90c; gal. \$1.50.

**OATS SPROUTERS—**

**Double Quick**, by express or freight, No. 1 for 25 to 35 hens, 85.85; No. 2, 50 to 75 hens, \$7.50; No. 3, 100 to 150 hens, \$10.50; No. 4, 200 to 300 hens, \$13.20; No. 5, 400 to 600 hens, \$19.50.

**Colifax Metal Sprouter**, small base with heater, capacity for 25 to 35 hens, \$5.10; additional sections same capacity, each \$2.10; large base with heater, capacity for 100 to 150 hens, \$8.70; additional sections, same capacity, \$4.50 each.

**POULTRY PUNCHES—**

**Petty's**, 25c, postpaid 30c.

**"Money Back" Poultry Punches**, 35c, postpaid 40c.

**POULTRY REMEDIES—**

**For Black Head**, 50c, postpaid 55c.

**Bronchial** remedy, Talbot's, 25c, postpaid 30c.

**Condition** remedy, Talbot's, 25c, postpaid 30c.

**Cholera** remedy, Talbot's and Pratt's, 25c, postpaid 30c.

**Constipation** remedy, Tablot's, 25c, postpaid 30c.

**Chicken Pox** treatment, 50c, postpaid 55c.

**Dysentery** remedy, Talbot's, 50c, postpaid 55c.

**Favus** remedy, Talbot's, 50c, postpaid 55c.

**Gape** medicine, 25c, postpaid 30c.

**Germozone**, Lee's Liquid, by express only, 25c, 50c, \$1.00.

**Germozone Tablets**—50c; postpaid 55c.

**Limber Neck** tablets, 50c.

**Oculum** remedy for roup, white diarrhoea and sore head, by express, 50c and \$1.00.

**Obaco** remedy for roup, gapes, canker, sore head, white diarrhoea, by express 50c.

**POULTRY TONIC, Wolf's**—50 by express.

**Poultry Tonic**, Talbot's, 25c, postpaid 30c.

**Poultry Regulator** tablets, 25c, postpaid 30c.

**Pip** remedy, Talbot's, 50c, postpaid 55c.

**Roup** remedy, Pratt's, Rust's, Talbot's, 25c, postpaid 30c; also see Germozone.

**Scaly Leg** remedy, Talbot's, 50c, postpaid 55c.

**Worm** medicine, Talbot's, 50c, postpaid 55c.

**White Diarrhoea** remedy, Lee's, by express, 50; Pratt's, 25c, postpaid 30c.

**SHELL AND GRIT BOXES**—See Feed Hoppers.

**SHIPPING COOPS**—See Coops.

**THERMOMETERS**—For incubators, 75c, postpaid 80c; for brooders, 60c, postpaid 65c.

**THERMOSTATS** or heat regulator, see Wafer.

**TRAP NESTS—**

**Moes**, 2 sizes, by express, 75c and \$1.00 each.

**Automatic**, by express, \$3.50 each.

**WAFER** or heat regulator, 3 in. single Wafer, 50c, postpaid 55c; 4 in. single, 75c, postpaid 80c; 3 in. double, 75c, postpaid 80c; 4 in. double \$1.10, postpaid \$1.15.

## PRUNING COMPOUND

For painting cuts when pruning trees, by express 50c.

## RAFFIA

Natural, oz. 5c, full pound 40c; colored, oz. 10c, full pound 80c.

## RAT CORN

For killing rats, 2 sizes, 25c and 50c, postpaid 30c and 55c.

## SPRAYERS

**SCOLLOY'S RUBBER**, \$1.00, postpaid \$1.10.

**THE LENOX RUBBER**, 50c, postpaid 55c.

**GLASS TANK, LOWELL'S**, 75c by express.

**TIN SPRAYER**, 50c by express.

**LOWELL FOUNTAIN SPRAYER**, compressed air, 3 gal. galvanized, \$6.00; brass, \$9.00.

**PERFECTION SPRAYER**, 3 gal. galvanized, \$6.00.

**DENNING SPRAYERS**. Send for catalogue.

## SEED CORN GRADER

Single screen, \$1.00; double screen, \$1.50.

## SEED SOWER

**CYCLONE**, broadcast sower, \$1.50.

## STANDS, Wire, for Plants (See Plant Stands)

**TUBS (See Plant Tubs)****TRELLISES**

Wood, fan-shaped, 18 in. 20c; 24 in. 30c; 30 in. 45c; 36 in. 60c; 42 in. 70c; 4 ft. \$1.00; 5 ft. \$1.25.

**VASES**

Cut Flower Vases—Glass, Porcelain, and Azeteké ware—ask for prices.  
**GLASS AND IRON** cemetery cut flower vases, two sizes, 50c and 75c each.

**IRON RESERVOIR VASES** for plants for lawn or cemetery use—ask for list.

**WEEDERS (See Garden Tools)****WEED KILLER**

**CHASE'S KNOXWEED**, 50c by express.

**WIRE PLANT STANDS (See Plant Stands)****CUT FLOWERS**

We would call the attention of our patrons to our present facilities of furnishing seasonable choice cut flowers at all times. We also furnish and execute in the most modern and artistic manner all kinds of designs for table, house or church decorations for any desired purpose. With our large and varied stock of flowers, competent artists and long experience we confidently place our work in competition with the best in the land. All orders intrusted to us will be executed promptly in the latest styles and at reasonable prices. Prices vary according to size. The following is a partial list of those most used; larger sizes made to order:

Anchors, Wreaths and Crosses, flat, \$3.00 to \$20.00 each.  
 Anchors, Wreaths and Crosses, standing, \$5.00 to \$20.00 each.  
 Harps and Lyres, standing, \$5.00 to \$20.00 each.  
 Broken Columns, \$8.00 to \$25.00 each.  
 Blanket or Casket Spread, \$15.00 to \$75.00.  
 Cross and Crown, \$8.00 to \$15.00 each.  
 Casket Sprays for covering casket, \$15.00 to \$75.00.  
 Broken Wheel, \$6.00 to \$20.00 each.  
 Floral Rope, fine for draping around casket, price \$1.25 per foot.  
 Gates Ajar, \$10.00 to \$25.00.  
 Gates Ajar with White Dove, \$15.00 to \$30.00 each.  
 Sickles on Easel with Sheaf Wheat, \$5.00 to \$12.00 each.  
 Sheaf Wheat tied with ribbons and flowers, \$2.00 to \$10.00 each.  
 Sheaf Wheat, plain, \$1.00 to \$6.00.  
 Cycas Palm Leaves, tied with ribbons and flowers, \$7.00 and \$10.00 each.  
 Baskets in all styles filled with choice flowers, 50c to \$10 each.  
 Brides' Bouquets, \$3.00 to \$10.00 each.  
 Brides' Shower Bouquets, \$5.00 to \$25.00.  
 Hand Bouquets, 50c to \$5.00 each.  
 Triangle, \$5.00 to \$10.00 each.  
 Odd Fellows' Designs, \$6.00 to \$15.00 each.  
 Stars and Hearts, \$2.50 to \$9.00 each.  
 Pillows, \$5.00 to \$25.00 each.  
 Pillows with White Dove, \$10.00 to \$25.00 each.  
 Sickles, \$3.00 to \$6.00 each.  
 Bouquets (Gents' Buttonhole), 5c to 25c each.  
 Ladies' Corsage Bouquets, \$1.00 to \$5.00.

**CHOICE CUT FLOWERS**

We have choice cut Roses and Carnations at all seasons of the year at market prices, which are subject to change without notice.

Lilies, Hyacinths, Tulips, Narcissus, Daffodils, Chrysanthemums, Violets, etc., in their season.

Assorted boxes of loose flowers from 50 cents up to any price desired.

**Notice**—All flowers shipped by express unless otherwise ordered and at purchaser's expense. We do not recommend sending flowers by mail and will do so on orders only. If to go by prepaid express or by mail, postage or express charges must be added to cost of flowers, otherwise same will be deducted from amount received. Telephone and telegraph charges must be paid by sender. We pack all orders securely in best possible manner and deliver in good condition and on time to express company or postoffice, after which our responsibility ceases. **We will positively not be responsible for delays or injury in transit, as we have no control whatever over the express and railroad companies or the U. S. mail.**

**I. N. KRAMER & SON**

**318 THIRD AVENUE CEDAR RAPIDS, IOWA**